

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

|               |                    |         |     |
|---------------|--------------------|---------|-----|
| Creation date | 08th July 2024     | Version | 2.0 |
| Revision date | 02nd February 2025 |         |     |

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

S1025 Synthetic semi-matt thick layer non-flowing glaze  
PROFI LAZURA  
mixture  
S1025-A-T....; S1025-Z1T0087  
PMKK-5JX3-A00D-0WD7  
Other mixture names  
S1025 Syntetická polomatná silnovrstvá nestékavá lazura PROFÍ LAZURA

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### Mixture's intended use

PROFI LAZURA S1025 is intended for thick-layer wood varnishing for outdoor and indoor environments. It preserves the wood's characteristic pattern and highlights it in color.

##### Main intended use

PC-PNT-2 Paints/coatings - Decorative

##### Mixture uses advised against

The product should not be used in ways other than those referred in Section 1.

Exposure scenario is attached to the Safety Data Sheet.

#### 1.3. Details of the supplier of the safety data sheet

##### Manufacturer

|                             |                                                     |
|-----------------------------|-----------------------------------------------------|
| Name or trade name          | COLORLAK, a.s.                                      |
| Address                     | Tovární 1076, Staré Město, 686 03<br>Czech Republic |
| Identification number (CRN) | 49444964                                            |
| VAT Reg No                  | CZ49444964                                          |
| Phone                       | +420 572527111                                      |
| E-mail                      | colorlak@colorlak.cz                                |
| Web address                 | www.colorlak.cz                                     |

##### Competent person responsible for the safety data sheet

|        |                        |
|--------|------------------------|
| Name   | Ing. Gabriela Kubíková |
| E-mail | kubikova@colorlak.cz   |

#### 1.4. Emergency telephone number

European emergency number: 112

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is classified as dangerous.

Flam. Liq. 3, H226

STOT SE 3, H336

##### Most serious adverse physico-chemical effects

Flammable liquid and vapour.

##### Most serious adverse effects on human health and the environment

May cause drowsiness or dizziness.

#### 2.2. Label elements

##### Hazard pictogram



##### Signal word

Warning

##### Hazardous substances

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFILAZURA

Creation date 08th July 2024  
Revision date 02nd February 2025 Version 2.0

### Hazard statements

H226 Flammable liquid and vapour.  
H336 May cause drowsiness or dizziness.

### Precautionary statements

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read label before use.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P261 Avoid breathing vapours/aerosols.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P370+P378 In case of fire: Use foam (alcohol resistant), carbon dioxide, a spray mist, powder to extinguish.  
P403+P235 Store in a well-ventilated place. Keep cool.  
P405 Store locked up.  
P501 Dispose of contents/container to by handing it over to a person authorized to dispose of waste or to a place designated by the municipality.

### Supplemental information

EUH204 Contains isocyanates. May produce an allergic reaction.  
EUH208 Contains neodecanoic acid, cobalt salt. May produce an allergic reaction.  
EUH066 Repeated exposure may cause skin dryness or cracking.  
Density 0.9-1.1 g/cm<sup>3</sup> at 23 °C (manufacturer's methodology B5/TD1-5 (ČSN EN ISO 2811-2))  
VOC 0,356 kg/kg  
TOC 0,308 kg/kg  
Dry matter 50 % weight  
VOC limit value cat. A (e) SB: 400 g/l  
Max. VOC content in the product in its ready to use condition 373 g/l

### 2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended. Does not contain any PMT or vPvM components. The titanium dioxide contained contains < 1% of particles with an aerodynamic diameter ≤ 10 µm, and therefore the criteria for classification and supplementary warnings are not met.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

PROFI LAZURA S1025 is a solution of special alkyd resin and modified oils in organic solvents and dispersions of inorganic pigments and additives. Mixture of substances and additives specified below.

**Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment**

| Identification numbers                                                                           | Substance name                                                     | Content in % weight | Classification according to Regulation (EC) No 1272/2008             | Note    |
|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|---------------------|----------------------------------------------------------------------|---------|
| EC: 919-857-5<br>Registration number: 01-2119463258-33                                           | Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics | 15-25               | Flam. Liq. 3, H226<br>Asp. Tox. 1, H304<br>STOT SE 3, H336<br>EUH066 | 5, 7    |
| Index: 022-006-00-2<br>CAS: 13463-67-7<br>EC: 236-675-5<br>Registration number: 01-2119489379-17 | titanium dioxide                                                   | ≤18.5               |                                                                      | 2, 3, 4 |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

|               |                    |         |     |
|---------------|--------------------|---------|-----|
| Creation date | 08th July 2024     | Version | 2.0 |
| Revision date | 02nd February 2025 |         |     |

| Identification numbers                                                                            | Substance name                                                      | Content in % weight | Classification according to Regulation (EC) No 1272/2008                                                                                                                                                                                                              | Note |
|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| Index: 649-327-00-6<br>EC: 918-481-9<br>Registration number:<br>01-2119457273-39                  | hydrocarbons, C10-C13, n-alanes, isolakanes, cyclics, <2% aromatics | 5-15                | Asp. Tox. 1, H304<br>EUH066                                                                                                                                                                                                                                           | 7    |
| CAS: 1309-37-1<br>EC: 215-168-2<br>Registration number:<br>01-2119457614-35-0000                  | diiron trioxide                                                     | ≤3.7                | not classified as dangerous                                                                                                                                                                                                                                           |      |
| CAS: 51274-00-1<br>EC: 257-098-5<br>Registration number:<br>01-2119457554-33                      | Iron hydroxide oxide yellow                                         | 1-3                 | not classified as dangerous                                                                                                                                                                                                                                           |      |
| Index: 649-424-00-3<br>CAS: 64742-94-5<br>EC: 265-198-5                                           | Solvent naphtha (petroleum), heavy arom.                            | 0.5-2               | Asp. Tox. 1, H304                                                                                                                                                                                                                                                     |      |
| EC: 905-562-9<br>Registration number:<br>01-2119555267-33                                         | reaction mass of ethylbenzene and m-xylene and p-xylene             | 0.5-2               | Flam. Liq. 3, H226<br>Asp. Tox. 1, H304<br>Acute Tox. 4, H312+H332<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>STOT SE 3, H335<br>STOT RE 2, H373 (central nervous system)<br>Specific concentration limit:<br>STOT RE 2, H373 (central nervous system): C ≥ 10 % | 7    |
| CAS: 27253-31-2<br>EC: 248-373-0<br>Registration number:<br>01-2119970733-31                      | neodecanoic acid, cobalt salt                                       | ≤0.68               | Acute Tox. 4, H302<br>Skin Sens. 1, H317<br>STOT RE 1, H372 (the gastrointestinal tract)<br>Aquatic Chronic 3, H412                                                                                                                                                   | 7    |
| EC: 905-588-0<br>Registration number:<br>01-2119539452-40                                         | Technical xylene (mixed with ethylbenzene)                          | 0.5-0.8             | Flam. Liq. 3, H226<br>Asp. Tox. 1, H304<br>Acute Tox. 4, H312+H332<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>STOT SE 3, H335<br>STOT RE 2, H373<br>Specific concentration limit:<br>STOT RE 2, H373 (central nervous system): C ≥ 10 %                          | 5, 7 |
| CAS: 1333-86-4<br>EC: 215-609-9<br>Registration number:<br>01-2119384822-32                       | carbon black                                                        | ≤0.5                |                                                                                                                                                                                                                                                                       |      |
| Index: 601-023-00-4<br>CAS: 100-41-4<br>EC: 202-849-4<br>Registration number:<br>01-2119489370-35 | ethylbenzene                                                        | 0.2-0.5             | Flam. Liq. 2, H225<br>Asp. Tox. 1, H304<br>Acute Tox. 4, H332<br>STOT RE 2, H373 (hearing organs)                                                                                                                                                                     | 5    |
| Index: 607-195-00-7<br>CAS: 108-65-6<br>EC: 203-603-9<br>Registration number:<br>01-2119475791-29 | 2-methoxy-1-methylethyl acetate                                     | ≤0.08               | Flam. Liq. 3, H226<br>STOT SE 3, H336                                                                                                                                                                                                                                 | 5    |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

|               |                    |         |     |
|---------------|--------------------|---------|-----|
| Creation date | 08th July 2024     | Version | 2.0 |
| Revision date | 02nd February 2025 |         |     |

| Identification numbers                                                                              | Substance name                              | Content in % weight | Classification according to Regulation (EC) No 1272/2008                                                                                                                                                                                       | Note    |
|-----------------------------------------------------------------------------------------------------|---------------------------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| CAS: 61791-53-5<br>EC: 263-186-4                                                                    | Aminy, N-lojové alkyltrimethylendi-, oleaty | ≤0.02               | Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>Aquatic Acute 1, H400 (M=100)                                                                                                                                                                       |         |
| Index: 601-021-00-3<br>CAS: 108-88-3<br>EC: 203-625-9<br>Registration number:<br>01-2119471310-51   | toluene                                     | ≤0.02               | Flam. Liq. 2, H225<br>Asp. Tox. 1, H304<br>Skin Irrit. 2, H315<br>STOT SE 3, H336<br>Repr. 2 (**), H361d<br>STOT RE 2 (**), H373                                                                                                               | 5, 6, 8 |
| CAS: 34590-94-8<br>EC: 252-104-2<br>Registration number:<br>01-2119450011-60                        | (2-methoxymethylethoxy)propanol             | ≤0.02               | not classified as dangerous<br>Specific concentration limit:<br>ATE Oral = 5001 mg/kg bw<br>ATE Inhalation (vapor) = 3,35 mg/l<br>ATE Dermal = 9510 mg/kg bw                                                                                   | 5       |
| Index: 607-009-00-4<br>CAS: 85-44-9<br>EC: 201-607-5<br>Registration number:<br>01-2119457017-41    | phthalic anhydride                          | ≤0.01               | Acute Tox. 4, H302<br>Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Eye Dam. 1, H318<br>Resp. Sens. 1, H334<br>STOT SE 3, H335                                                                                                                  |         |
| Index: 615-006-00-4<br>CAS: 26471-62-5<br>EC: 247-722-4<br>Registration number:<br>01-2119454791-34 | m-tolylidene diisocyanate                   | <0.01               | Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Eye Irrit. 2, H319<br>Acute Tox. 2, H330<br>Resp. Sens. 1, H334<br>STOT SE 3, H335<br>Carc. 2, H351<br>Aquatic Chronic 3, H412<br>Specific concentration limit:<br>Resp. Sens. 1, H334: C ≥ 0.1 % | 1, 5, 6 |
| CAS: 77-58-7<br>EC: 201-039-8<br>Registration number:<br>01-2119496068-27                           | Dibutyltin dilaurate                        | ≤0.008              | Eye Irrit. 2, H319<br>Muta. 2, H341<br>Repr. 1B, H360FD<br>STOT SE 1, H370<br>STOT RE 1, H372<br>Aquatic Acute 1, H400 (M=1)<br>Aquatic Chronic 1, H410 (M=1)                                                                                  | 6       |
| Index: 607-025-00-1<br>CAS: 123-86-4<br>EC: 204-658-1<br>Registration number:<br>01-2119485493-29   | n-butyl acetate                             | ≤0.007              | Flam. Liq. 3, H226<br>STOT SE 3, H336<br>EUH066                                                                                                                                                                                                | 5       |
| Index: 601-052-00-2<br>CAS: 91-20-3<br>EC: 202-049-5                                                | naphthalene                                 | ≤0.002              | Acute Tox. 4, H302<br>Carc. 2, H351<br>Aquatic Acute 1, H400 (M=10)<br>Aquatic Chronic 1, H410 (M=1)                                                                                                                                           | 5       |

### Notes

\*\* another exposure route cannot be ruled out

\*\*\* reproductive toxicity: supplementary letters specify whether fetal harm (d) or fertility harm (f) may occur

1 Note C: Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFI LAZURA

|               |                    |         |     |
|---------------|--------------------|---------|-----|
| Creation date | 08th July 2024     | Version | 2.0 |
| Revision date | 02nd February 2025 |         |     |

- 2 *Note V: If the substance is to be placed on the market as fibres (with diameter  $< 3 \mu\text{m}$ , length  $> 5 \mu\text{m}$  and aspect ratio  $\geq 3:1$ ) or particles of the substance fulfilling the WHO fibre criteria or as particles with modified surface chemistry, their hazardous properties must be evaluated in accordance with Title II of this Regulation, to assess whether a higher category (Carc. 1B or 1A) and/or additional routes of exposure (oral or dermal) should be applied.*
- 3 *Note W: It has been observed that the carcinogenic hazard of this substance arises when respirable dust is inhaled in quantities leading to significant impairment of particle clearance mechanisms in the lung.*

*This note aims to describe the particular toxicity of the substance; it does not constitute a criterion for classification according to this Regulation.*

- 4 *Note 10: The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter  $\leq 10 \mu\text{m}$ .*
- 5 *A substance for which exposure limits are set.*
- 6 *The use of the substance is restricted by Annex XVII of REACH Regulation*
- 7 *Substance of unknown or variable composition, complex reaction products or biological materials - UVCB.*
- 8 *Drug precursor*

Full text of all classifications and hazard statements is given in the section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet. If unconscious, put the person in the stabilized (recovery) position on his side with his head slightly bent backwards and make sure that airways are free; never induce vomiting. If the person vomits by himself, make sure that the vomit is not inhaled. In life threatening conditions first of all provide resuscitation of the affected person and ensure medical assistance. Respiratory arrest - provide artificial respiration immediately. Cardiac arrest - provide indirect cardiac massage immediately.

##### **If inhaled**

Terminate the exposure immediately; move the affected person to fresh air. Protect the person against growing cold. Provide medical treatment if irritation, dyspnoea or other symptoms persist.

##### **If on skin**

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists. Rinse skin with water or shower.

##### **If in eyes**

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes.

##### **If swallowed**

Rinse out the mouth with clean water. In the event of issues, find medical help.

#### 4.2. Most important symptoms and effects, both acute and delayed

##### **If inhaled**

May cause drowsiness or dizziness.

##### **If on skin**

Not expected.

##### **If in eyes**

Not expected.

##### **If swallowed**

Irritation, nausea.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFI LAZURA

Creation date 08th July 2024  
Revision date 02nd February 2025 Version 2.0

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

##### Unsuitable extinguishing media

Water - full jet.

#### 5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

#### 5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Closed containers with the product near the fire should be cooled with water. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Provide sufficient ventilation. Flammable liquid and vapour. Remove all ignition sources. Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Do not inhale mist/vapours/spray.

#### 6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

#### 6.3. Methods and material for containment and cleaning up

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

#### 6.4. Reference to other sections

See the Section 7, 8 and 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Prevent formation of gases and vapours in flammable or explosive concentrations and concentrations exceeding the occupational exposure limits. The product should be used only in the areas where it is not in contact with open fire and other ignition sources. Use non-sparking tools. Use of antistatic clothes and footwear is recommended. Do not inhale mist/vapours/spray. No smoking. Use only outdoors or in a well-ventilated area. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection. Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Take action to prevent static discharges. Safely dispose of absorbent materials of organic origin (cotton, textiles, paper, wood shavings, etc.) contaminated with a thick layer of PROFI LAZURA S1025 glaze - there is a risk of spontaneous combustion.

#### 7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose. Do not expose to sunlight. Store locked up. Keep container tightly closed. Keep cool.

| Content | Packaging type | Material of package |
|---------|----------------|---------------------|
| 0,9 l   | can / tin      | FE                  |
| 2,5 l   | bucket         | FE                  |
| 9 l     | bucket         | FE                  |
| 18 l    | bucket         | FE                  |

Storage class 3A - Flammable liquids (flash point below 55 °C)

Storage temperature +5 to +25 °C

#### The specific requirements or rules relating to the substance/mixture

Solvent vapours are heavier than air and accumulate especially near the floor where they may form an explosive mixture with the air.

#### 7.3. Specific end use(s)

not available

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

Creation date 08th July 2024  
Revision date 02nd February 2025 Version 2.0

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

##### European Union

##### Commission Directive (EU) 2019/1831

| Substance name (component)      | Type           | Value                 |
|---------------------------------|----------------|-----------------------|
| n-butyl acetate (CAS: 123-86-4) | OEL 8 hours    | 241 mg/m <sup>3</sup> |
|                                 | OEL 8 hours    | 50 ppm                |
|                                 | OEL 15 minutes | 723 mg/m <sup>3</sup> |
|                                 | OEL 15 minutes | 150 ppm               |

##### European Union

##### Commission Directive 2000/39/EC

| Substance name (component)                        | Type           | Value                 |
|---------------------------------------------------|----------------|-----------------------|
| ethylbenzene (CAS: 100-41-4)                      | OEL 8 hours    | 442 mg/m <sup>3</sup> |
|                                                   | OEL 8 hours    | 100 ppm               |
|                                                   | OEL 15 minutes | 884 mg/m <sup>3</sup> |
|                                                   | OEL 15 minutes | 200 ppm               |
| 2-methoxy-1-methylethyl acetate (CAS: 108-65-6)   | OEL 8 hours    | 275 mg/m <sup>3</sup> |
|                                                   | OEL 8 hours    | 50 ppm                |
|                                                   | OEL 15 minutes | 550 mg/m <sup>3</sup> |
|                                                   | OEL 15 minutes | 100 ppm               |
| (2-methoxymethylethoxy)propanol (CAS: 34590-94-8) | OEL 8 hours    | 308 mg/m <sup>3</sup> |
|                                                   | OEL 8 hours    | 50 ppm                |
|                                                   | OEL 8 hours    | 270 mg/m <sup>3</sup> |
|                                                   | OEL 8 hours    | 44,55 ppm             |

Notes

Skin.

##### European Union

##### Commission Directive 2006/15/EC

| Substance name (component) | Type           | Value                 |
|----------------------------|----------------|-----------------------|
| toluene (CAS: 108-88-3)    | OEL 8 hours    | 192 mg/m <sup>3</sup> |
|                            | OEL 8 hours    | 50 ppm                |
|                            | OEL 15 minutes | 384 mg/m <sup>3</sup> |
|                            | OEL 15 minutes | 100 ppm               |

Notes

Skin.

##### European Union

##### Commission Directive 91/322/EEC

| Substance name (component)                                         | Type           | Value                  |
|--------------------------------------------------------------------|----------------|------------------------|
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics | OEL 8 hours    | 1200 mg/m <sup>3</sup> |
|                                                                    | OEL 15 minutes | 197 ppm                |
| Technical xylene (mixed with ethylbenzene)                         | OEL 8 hours    | 442 mg/m <sup>3</sup>  |
|                                                                    | OEL 8 hours    | 100 ppm                |
|                                                                    | OEL 15 minutes | 884 mg/m <sup>3</sup>  |
|                                                                    | OEL 15 minutes | 200 ppm                |
|                                                                    | OEL 8 hours    | 221 mg/m <sup>3</sup>  |
|                                                                    | OEL 8 hours    | 50 ppm                 |
|                                                                    | OEL 15 minutes | 442 mg/m <sup>3</sup>  |
|                                                                    | OEL 15 minutes | 100 ppm                |
| naphthalene (CAS: 91-20-3)                                         | OEL 8 hours    | 50 mg/m <sup>3</sup>   |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

|               |                    |         |     |
|---------------|--------------------|---------|-----|
| Creation date | 08th July 2024     | Version | 2.0 |
| Revision date | 02nd February 2025 |         |     |

### European Union

### Commission Directive 91/322/EEC

| Substance name (component) | Type        | Value  |
|----------------------------|-------------|--------|
| naphthalene (CAS: 91-20-3) | OEL 8 hours | 10 ppm |

### European Union

### Directive (EU) 2024/869 of the European Parliament and of the Council

| Substance name (component)                  | Type           | Value |
|---------------------------------------------|----------------|-------|
| m-tolylidene diisocyanate (CAS: 26471-62-5) | OEL 8 hours    | 10    |
|                                             | OEL 15 minutes | 20    |

#### Notes

The substance can cause sensitisation of the skin and of the respiratory tract.  
As NCO.

### DNEL

| (2-methoxymethylethoxy)propanol |                   |                        |                          |               |
|---------------------------------|-------------------|------------------------|--------------------------|---------------|
| Workers / consumers             | Route of exposure | Value                  | Effect                   | Source        |
| Workers                         | Dermal            | 283 mg/kg bw/day       | Chronic effects systemic | BL dodavatele |
| Workers                         | Inhalation        | 308 mg/m <sup>3</sup>  | Chronic effects systemic | BL dodavatele |
| Consumers                       | Dermal            | 121 mg/kg bw/day       | Chronic effects systemic | BL dodavatele |
| Consumers                       | Inhalation        | 37.2 mg/m <sup>3</sup> | Chronic effects systemic | BL dodavatele |
| Consumers                       | Oral              | 36 mg/kg bw/day        | Chronic effects systemic | BL dodavatele |

| 2-methoxy-1-methylethyl acetate |                   |                       |                          |               |
|---------------------------------|-------------------|-----------------------|--------------------------|---------------|
| Workers / consumers             | Route of exposure | Value                 | Effect                   | Source        |
| Workers                         | Inhalation        | 275 mg/m <sup>3</sup> | Chronic effects systemic | BL dodavatele |
| Workers                         | Dermal            | 796 mg/kg bw/day      | Chronic effects systemic | BL dodavatele |
| Consumers                       | Inhalation        | 33 mg/m <sup>3</sup>  | Chronic effects systemic | BL dodavatele |
| Consumers                       | Dermal            | 320 mg/kg bw/day      | Chronic effects systemic | BL dodavatele |
| Consumers                       | Oral              | 36 mg/kg bw/day       | Chronic effects systemic | BL dodavatele |

| carbon black        |                   |                     |                     |               |
|---------------------|-------------------|---------------------|---------------------|---------------|
| Workers / consumers | Route of exposure | Value               | Effect              | Source        |
| Workers             | Inhalation        | 2 mg/m <sup>3</sup> | Acute effects local | BL dodavatele |

| Dibutyltin dilaurate |                   |                          |                          |        |
|----------------------|-------------------|--------------------------|--------------------------|--------|
| Workers / consumers  | Route of exposure | Value                    | Effect                   | Source |
| Workers              | Inhalation        | 0.02 mg/m <sup>3</sup>   | Chronic effects systemic | ECHA   |
| Workers              | Dermal            | 0.43 mg/kg bw/day        | Chronic effects systemic | ECHA   |
| Consumers            | Inhalation        | 0.0046 mg/m <sup>3</sup> | Chronic effects systemic | ECHA   |
| Consumers            | Dermal            | 0.16 mg/kg bw/day        | Chronic effects systemic | ECHA   |
| Consumers            | Oral              | 0.0031 mg/kg bw/day      | Chronic effects systemic | ECHA   |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

Creation date 08th July 2024  
Revision date 02nd February 2025 Version 2.0

| ethylbenzene        |                   |                      |                          |        |
|---------------------|-------------------|----------------------|--------------------------|--------|
| Workers / consumers | Route of exposure | Value                | Effect                   | Source |
| Workers             | Inhalation        | 77 mg/m <sup>3</sup> | Chronic effects systemic | echa   |
| Workers             | Dermal            | 180 mg/kg bw/day     | Chronic effects systemic | echa   |
| Consumers           | Inhalation        | 15 mg/m <sup>3</sup> | Chronic effects systemic | echa   |
| Consumers           | Oral              | 1.6 mg/kg bw/day     | Chronic effects systemic | echa   |

| hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics |                   |                       |                          |               |
|----------------------------------------------------------------------|-------------------|-----------------------|--------------------------|---------------|
| Workers / consumers                                                  | Route of exposure | Value                 | Effect                   | Source        |
| Workers                                                              | Dermal            | 208 mg/kg bw/day      | Chronic effects systemic | BL dodavatele |
| Workers                                                              | Inhalation        | 871 mg/m <sup>3</sup> | Chronic effects systemic | BL dodavatele |
| Consumers                                                            | Dermal            | 125 mg/kg bw/day      | Chronic effects systemic | BL dodavatele |
| Consumers                                                            | Inhalation        | 185 mg/m <sup>3</sup> | Chronic effects systemic | BL dodavatele |
| Consumers                                                            | Oral              | 125 mg/m <sup>3</sup> | Chronic effects systemic | BL dodavatele |

| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics |                   |                       |                          |               |
|--------------------------------------------------------------------|-------------------|-----------------------|--------------------------|---------------|
| Workers / consumers                                                | Route of exposure | Value                 | Effect                   | Source        |
| Workers (0)                                                        | Inhalation        | 871 mg/m <sup>3</sup> | Chronic effects systemic | BL dodavatele |
| Workers (0)                                                        | Dermal            | 208 mg/kg bw/day      | Chronic effects systemic | BL dodavatele |
| Consumers (0)                                                      | Inhalation        | 185 mg/m <sup>3</sup> | Chronic effects systemic | BL dodavatele |
| Consumers (0)                                                      | Dermal            | 125 mg/kg bw/day      | Chronic effects systemic | BL dodavatele |
| Consumers (0)                                                      | Oral              | 125 mg/kg bw/day      | Chronic effects systemic | BL dodavatele |

| Iron hydroxide oxide yellow |                   |                      |                        |               |
|-----------------------------|-------------------|----------------------|------------------------|---------------|
| Workers / consumers         | Route of exposure | Value                | Effect                 | Source        |
| Workers                     | Inhalation        | 10 mg/m <sup>3</sup> | Acute effects systemic | BL dodavatele |
| Workers                     | Inhalation        | 10 mg/m <sup>3</sup> | Acute effects local    | BL dodavatele |

| m-tolylidene diisocyanate |                   |                         |                          |               |
|---------------------------|-------------------|-------------------------|--------------------------|---------------|
| Workers / consumers       | Route of exposure | Value                   | Effect                   | Source        |
| Workers                   | Inhalation        | 0.035 mg/m <sup>3</sup> | Chronic effects systemic | BL dodavatele |
| Workers                   | Inhalation        | 0.14 mg/m <sup>3</sup>  | Acute effects systemic   | BL dodavatele |
| Workers                   | Inhalation        | 0.035 mg/m <sup>3</sup> | Chronic effects local    | BL dodavatele |
| Workers                   | Inhalation        | 0.14 mg/m <sup>3</sup>  | Acute effects local      | BL dodavatele |

| n-butyl acetate     |                   |                        |                          |               |
|---------------------|-------------------|------------------------|--------------------------|---------------|
| Workers / consumers | Route of exposure | Value                  | Effect                   | Source        |
| Workers             | Inhalation        | 600 mg/m <sup>3</sup>  | Acute effects local      | BL dodavatele |
| Consumers           | Inhalation        | 300 mg/m <sup>3</sup>  | Acute effects local      | BL dodavatele |
| Workers             | Inhalation        | 300 mg/m <sup>3</sup>  | Chronic effects local    | BL dodavatele |
| Consumers           | Inhalation        | 35.7 mg/m <sup>3</sup> | Chronic effects local    | BL dodavatele |
| Workers             | Dermal            | 11 mg/kg               | Chronic effects systemic | BL dodavatele |
| Workers             | Dermal            | 11 mg/kg               | Acute effects systemic   | BL dodavatele |
| Consumers           | Dermal            | 6 mg/kg                | Chronic effects systemic | BL dodavatele |
| Consumers           | Dermal            | 6 mg/kg                | Acute effects systemic   | BL dodavatele |
| Consumers           | Oral              | 2 mg/kg                | Chronic effects systemic | BL dodavatele |
| Consumers           | Oral              | 2 mg/kg                | Acute effects systemic   | BL dodavatele |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

|               |                    |         |     |
|---------------|--------------------|---------|-----|
| Creation date | 08th July 2024     | Version | 2.0 |
| Revision date | 02nd February 2025 |         |     |

| naphthalene         |                   |                        |                          |               |
|---------------------|-------------------|------------------------|--------------------------|---------------|
| Workers / consumers | Route of exposure | Value                  | Effect                   | Source        |
| Workers (0)         | Inhalation        | 25 mg/m <sup>3</sup>   | Chronic effects systemic | BL dodavatele |
| Workers (0)         | Inhalation        | 0.25 mg/m <sup>3</sup> | Chronic effects local    | BL dodavatele |
| Workers (0)         | Dermal            | 3.57 mg/kg             | Chronic effects systemic | BL dodavatele |

| neodecanoic acid, cobalt salt |                   |                         |                          |              |
|-------------------------------|-------------------|-------------------------|--------------------------|--------------|
| Workers / consumers           | Route of exposure | Value                   | Effect                   | Source       |
| Workers                       | Inhalation        | 0.273 mg/m <sup>3</sup> | Chronic effects local    | BL dodvatele |
| Consumers                     | Inhalation        | 0.043 mg/m <sup>3</sup> | Chronic effects local    | BL dodvatele |
| Consumers                     | Oral              | 0.032 mg/kg bw/day      | Chronic effects systemic | BL dodvatele |

| phthalic anhydride  |                   |                        |                          |               |
|---------------------|-------------------|------------------------|--------------------------|---------------|
| Workers / consumers | Route of exposure | Value                  | Effect                   | Source        |
| Workers             | Dermal            | 10 mg/kg               | Chronic effects systemic | BL dodavatele |
| Workers             | Inhalation        | 32.3 mg/m <sup>3</sup> | Chronic effects systemic | BL dodavatele |
| Consumers           | Dermal            | 5 mg/kg                | Chronic effects systemic | BL dodavatele |
| Consumers           | Inhalation        | 8.6 mg/m <sup>3</sup>  | Chronic effects systemic | BL dodavatele |
| Consumers           | Oral              | 5 mg/kg                | Chronic effects systemic | BL dodavatele |

| reaction mass of ethylbenzene and m-xylene and p-xylene |                   |                        |                          |        |
|---------------------------------------------------------|-------------------|------------------------|--------------------------|--------|
| Workers / consumers                                     | Route of exposure | Value                  | Effect                   | Source |
| Workers                                                 | Inhalation        | 77 mg/m <sup>3</sup>   | Chronic effects systemic |        |
| Workers                                                 | Inhalation        | 289 mg/m <sup>3</sup>  | Acute effects systemic   |        |
| Workers                                                 | Dermal            | 180 mg/kg bw/day       | Chronic effects systemic |        |
| Consumers                                               | Inhalation        | 14.8 mg/m <sup>3</sup> | Chronic effects systemic |        |
| Consumers                                               | Dermal            | 108 mg/kg bw/day       | Chronic effects systemic |        |
| Consumers                                               | Oral              | 1.6 mg/kg bw/day       | Chronic effects systemic |        |
| Consumers                                               | Inhalation        | 174 mg/m <sup>3</sup>  | Acute effects systemic   |        |

| Technical xylene (mixed with ethylbenzene) |                   |                        |                          |        |
|--------------------------------------------|-------------------|------------------------|--------------------------|--------|
| Workers / consumers                        | Route of exposure | Value                  | Effect                   | Source |
| Workers                                    | Inhalation        | 77 mg/m <sup>3</sup>   | Chronic effects systemic | ECHA   |
| Workers                                    | Inhalation        | 289 mg/m <sup>3</sup>  | Acute effects local      | ECHA   |
| Workers                                    | Dermal            | 180 mg/kg bw/day       | Chronic effects systemic | ECHA   |
| Consumers                                  | Inhalation        | 14.8 mg/m <sup>3</sup> | Chronic effects systemic | ECHA   |
| Consumers                                  | Dermal            | 108 mg/kg bw/day       | Chronic effects systemic | ECHA   |
| Consumers                                  | Oral              | 1.6 mg/kg bw/day       | Chronic effects systemic | ECHA   |

| titanium dioxide    |                   |                      |                       |               |
|---------------------|-------------------|----------------------|-----------------------|---------------|
| Workers / consumers | Route of exposure | Value                | Effect                | Source        |
|                     | Inhalation        | 10 mg/m <sup>3</sup> | Chronic effects local | BL dodavatele |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

Creation date 08th July 2024  
Revision date 02nd February 2025 Version 2.0

| toluene             |                   |                        |                          |               |
|---------------------|-------------------|------------------------|--------------------------|---------------|
| Workers / consumers | Route of exposure | Value                  | Effect                   | Source        |
| Workers             | Inhalation        | 192 mg/m <sup>3</sup>  | Chronic effects systemic | BL dodavatele |
| Workers             | Inhalation        | 192 mg/m <sup>3</sup>  | Chronic effects local    | BL dodavatele |
| Workers             | Inhalation        | 384 mg/m <sup>3</sup>  | Acute effects systemic   | BL dodavatele |
| Workers             | Inhalation        | 384 mg/m <sup>3</sup>  | Acute effects local      | BL dodavatele |
| Workers             | Dermal            | 384 mg/kg bw/day       | Chronic effects systemic | BL dodavatele |
| Consumers           | Inhalation        | 226 mg/m <sup>3</sup>  | Acute effects systemic   | BL dodavatele |
| Consumers           | Inhalation        | 226 mg/m <sup>3</sup>  | Acute effects local      | BL dodavatele |
| Consumers           | Dermal            | 226 mg/kg bw/day       | Chronic effects systemic | BL dodavatele |
| Consumers           | Inhalation        | 56.5 mg/m <sup>3</sup> | Chronic effects systemic | BL dodavatele |
| Consumers           | Oral              | 8.13 mg/kg bw/day      | Chronic effects systemic | BL dodavatele |
| Consumers           | Inhalation        | 56.5 mg/m <sup>3</sup> | Chronic effects local    | BL dodavatele |

### PNEC

| (2-methoxymethylethoxy)propanol    |                             |               |
|------------------------------------|-----------------------------|---------------|
| Route of exposure                  | Value                       | Source        |
| Freshwater environment             | 19 mg/l                     | BL dodavatele |
| Marine water                       | 1.9 mg/l                    | BL dodavatele |
| Water (intermittent release)       | 190 mg/l                    | BL dodavatele |
| Microorganisms in sewage treatment | 4168 mg/l                   | BL dodavatele |
| Freshwater sediment                | 70.2 mg/kg of dry substance | BL dodavatele |
| Sea sediments                      | 7.02 mg/kg of dry substance | BL dodavatele |
| Soil (agricultural)                | 2.74 mg/kg of dry substance | BL dodavatele |

| 2-methoxy-1-methylethyl acetate    |                                          |               |
|------------------------------------|------------------------------------------|---------------|
| Route of exposure                  | Value                                    | Source        |
| Freshwater environment             | 0.635 mg/l                               | BL dodavatele |
| Marine water                       | 0.0635 mg/l                              | BL dodavatele |
| Microorganisms in sewage treatment | 100 mg/l                                 | BL dodavatele |
| Freshwater sediment                | 3.29 mg/kg of dry substance of sediment  | BL dodavatele |
| Sea sediments                      | 0.329 mg/kg of dry substance of sediment | BL dodavatele |
| Soil (agricultural)                | 0.29 mg/kg of dry substance of soil      | BL dodavatele |

| carbon black           |        |               |
|------------------------|--------|---------------|
| Route of exposure      | Value  | Source        |
| Freshwater environment | 5 mg/l | BL dodavatele |
| Marine water           | 5 mg/l | BL dodavatele |

| Dibutyltin dilaurate               |                   |        |
|------------------------------------|-------------------|--------|
| Route of exposure                  | Value             | Source |
| Freshwater environment             | 0.463 µg/l        | ECHA   |
| Marine water                       | 0.0463 µg/l       | ECHA   |
| Microorganisms in sewage treatment | 100 mg/l          | ECHA   |
| Food chain                         | 0.2 mg/kg of food | ECHA   |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

Creation date 08th July 2024  
Revision date 02nd February 2025 Version 2.0

| ethylbenzene                       |                                         |        |
|------------------------------------|-----------------------------------------|--------|
| Route of exposure                  | Value                                   | Source |
| Freshwater environment             | 100 µg/l                                | echa   |
| Marine water                       | 10-100 µg/l                             | echa   |
| Water (intermittent release)       | 100 µg/l                                | echa   |
| Microorganisms in sewage treatment | 9.6 mg/l                                | echa   |
| Freshwater sediment                | 13.7 mg/kg of dry substance of sediment | echa   |
| Sea sediments                      | 1.37 mg/kg of dry substance of sediment | echa   |
| Soil (agricultural)                | 2.68 mg/kg of dry substance of soil     | echa   |
| Food chain                         | 20 mg/kg of food                        | echa   |

| m-tolylidene diisocyanate          |              |               |
|------------------------------------|--------------|---------------|
| Route of exposure                  | Value        | Source        |
| Freshwater environment             | 0.013 mg/l   | BL dodavatele |
| Marine water                       | 0.00125 mg/l | BL dodavatele |
| Microorganisms in sewage treatment | > 1 mg/l     | BL dodavatele |
| Soil (agricultural)                | > 1 mg/kg    | BL dodavatele |

| n-butyl acetate                    |              |               |
|------------------------------------|--------------|---------------|
| Route of exposure                  | Value        | Source        |
| Freshwater environment             | 0.18 mg/l    | BL dodavatele |
| Marine water                       | 0.018 mg/l   | BL dodavatele |
| Water (intermittent release)       | 0.36 mg/l    | BL dodavatele |
| Microorganisms in sewage treatment | 35.6 mg/l    | BL dodavatele |
| Freshwater sediment                | 0.981 mg/kg  | BL dodavatele |
| Sea sediments                      | 0.0981 mg/kg | BL dodavatele |
| Soil (agricultural)                | 0.0903 mg/kg | BL dodavatele |

| naphthalene                        |            |               |
|------------------------------------|------------|---------------|
| Route of exposure                  | Value      | Source        |
| Microorganisms in sewage treatment | 2.9 mg/l   | BL dodavatele |
| Marine water                       | 2.4 µg/l   | BL dodavatele |
| Water (intermittent release)       | 20 µg/l    | BL dodavatele |
| Sea sediments                      | 67.2 µg/kg | BL dodavatele |
| Soil (agricultural)                | 53.3 µg/kg | BL dodavatele |
| Freshwater environment             | 2.4 µg/l   | BL dodavatele |
| Freshwater sediment                | 67.2 µg/kg | BL dodavatele |

| neodecanoic acid, cobalt salt      |                                         |               |
|------------------------------------|-----------------------------------------|---------------|
| Route of exposure                  | Value                                   | Source        |
| Freshwater environment             | 0.62 µg/l                               | BL dodavatele |
| Marine water                       | 2.36 µg/l                               | BL dodavatele |
| Microorganisms in sewage treatment | 0.37 mg/l                               | BL dodavatele |
| Freshwater sediment                | 53.8 mg/kg of dry substance of sediment | BL dodavatele |
| Sea sediments                      | 69.8 mg/kg of dry substance of sediment | BL dodavatele |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

Creation date 08th July 2024  
Revision date 02nd February 2025 Version 2.0

| neodecanoic acid, cobalt salt |                             |               |
|-------------------------------|-----------------------------|---------------|
| Route of exposure             | Value                       | Source        |
| Soil (agricultural)           | 10.9 mg/kg of dry substance | BL dodavatele |

| phthalic anhydride                 |                                         |               |
|------------------------------------|-----------------------------------------|---------------|
| Route of exposure                  | Value                                   | Source        |
| Freshwater environment             | 1 mg/l                                  | BL dodavatele |
| Marine water                       | 0.1 mg/l                                | BL dodavatele |
| Microorganisms in sewage treatment | 10 mg/l                                 | BL dodavatele |
| Freshwater sediment                | 3.8 mg/kg of dry substance of sediment  | BL dodavatele |
| Sea sediments                      | 0.38 mg/kg of dry substance of sediment | BL dodavatele |
| Soil (agricultural)                | 0.173 mg/kg of dry substance of soil    | BL dodavatele |
| Water (intermittent release)       | 5.6 mg/l                                | BL dodavatele |

| reaction mass of ethylbenzene and m-xylene and p-xylene |                    |        |
|---------------------------------------------------------|--------------------|--------|
| Route of exposure                                       | Value              | Source |
| Freshwater environment                                  | 327 µg/l           |        |
| Marine water                                            | 327 µg/l           |        |
| Microorganisms in sewage treatment                      | 6.58 mg/l          |        |
| Sea sediments                                           | 12.46 µg/kg bw/24h |        |
| Freshwater sediment                                     | 12.46 µg/kg bw/24h |        |

| Technical xylene (mixed with ethylbenzene) |                                          |        |
|--------------------------------------------|------------------------------------------|--------|
| Route of exposure                          | Value                                    | Source |
| Freshwater environment                     | 327 µg/l                                 | ECHA   |
| Marine water                               | 327 µg/l                                 | ECHA   |
| Soil (agricultural)                        | 2.31 mg/kg of dry substance of soil      | ECHA   |
| Food chain                                 | 327 µg/l                                 | ECHA   |
| Microorganisms in sewage treatment         | 6.58 mg/l                                | EHCA   |
| Sea sediments                              | 12.46 mg/kg of dry substance of sediment | ECHA   |
| Freshwater sediment                        | 12.46 mg/kg of dry substance of sediment | ECHA   |

| titanium dioxide                   |            |               |
|------------------------------------|------------|---------------|
| Route of exposure                  | Value      | Source        |
| Freshwater environment             | 0.127 mg/l | BL dodavatele |
| Marine water                       | 1 mg/l     | BL dodavatele |
| Water (intermittent release)       | 0.61 mg/l  | BL dodavatele |
| Freshwater sediment                | 1000 mg/kg | BL dodavatele |
| Sea sediments                      | 100 mg/kg  | BL dodavatele |
| Soil (agricultural)                | 100 mg/kg  | BL dodavatele |
| Microorganisms in sewage treatment | 100 mg/l   | BL dodavatele |
| Food chain                         | 1667 mg/kg | BL dodavatele |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFI LAZURA

Creation date 08th July 2024  
Revision date 02nd February 2025 Version 2.0

| toluene                            |                                          |               |
|------------------------------------|------------------------------------------|---------------|
| Route of exposure                  | Value                                    | Source        |
| Freshwater environment             | 0.68 mg/l                                | BL dodavatele |
| Marine water                       | 0.68 mg/l                                | BL dodavatele |
| Water (intermittent release)       | 0.68 mg/l                                | BL dodavatele |
| Microorganisms in sewage treatment | 13.61 mg/l                               | echa          |
| Freshwater sediment                | 16.39 mg/kg of dry substance of sediment | BL dodavatele |
| Sea sediments                      | 16.39 mg/kg of dry substance of sediment | BL dodavatele |
| Soil (agricultural)                | 2.89 mg/kg of dry substance of soil      | BL dodavatele |

### 8.2. Exposure controls

Follow the usual measures intended for health protection at work and especially for good ventilation. This can be achieved only by local suction or efficient general ventilation. If exposure limits cannot be observed in this mode, suitable protection of airways must be used. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

#### Eye/face protection

It is not needed.

#### Skin protection

Hand protection: Protective gloves resistant to the product (EN 374). Gloves material: Nitrile rubber (EN 374). Recommended material thickness: min. 0.4 mm. Penetration time of glove material  $\geq 480$  minutes (EN 374). No tests have been carried out, the durability of the gloves should be tested before use. Find out the exact penetration time of the material from the glove manufacturer and follow it. Contaminated skin should be washed thoroughly.

#### Respiratory protection

Halfmask with a filter against organic vapours or a self-contained breathing apparatus as appropriate if exposure limit values of substances are exceeded or in a poorly ventilated environment.

#### Thermal hazard

Not available.

#### Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

#### More information

Exposure scenario is attached to the Safety Data Sheet.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                                                                        |                                                                                                          |
|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Physical state                                                         | liquid                                                                                                   |
| Colour                                                                 | colourless, white, light chestnut, rosewood, teak, oak, pine, pine, walnut, mahogany, fire cherry, ebony |
| Odour                                                                  | after organic solvents                                                                                   |
| Melting point/freezing point                                           | data not available                                                                                       |
| (2-methoxymethylethoxy)propanol (CAS: 34590-94-8)                      | -83 °C (BL dodavatele)                                                                                   |
| 2-methoxy-1-methylethyl acetate (CAS: 108-65-6)                        | -66 °C (BL dodavatele)                                                                                   |
| carbon black (CAS: 1333-86-4)                                          | 3652-3697 °C (BL dodavatele)                                                                             |
| Dibutyltin dilaurate (CAS: 77-58-7)                                    | 16-18 °C (BL dodavatele)                                                                                 |
| diiron trioxide (CAS: 1309-37-1)                                       | >1000 °C (BL dodavatele)                                                                                 |
| ethylbenzene (CAS: 100-41-4)                                           | -95.15--94.9 °C (ECHA)                                                                                   |
| hydrocarbons, C10-C13, n-alkanes, isoparaffins, cyclics, <2% aromatics | <-20 °C (BL dodavatele)                                                                                  |
| Iron hydroxide oxide yellow (CAS: 51274-00-1)                          | >1000 °C (BL dodavatele)                                                                                 |
| m-tolylidene diisocyanate (CAS: 26471-62-5)                            | 9.5 °C (BL dodavatele)                                                                                   |
| n-butyl acetate (CAS: 123-86-4)                                        | -78 °C (BL dodavatele)                                                                                   |
| naphthalene (CAS: 91-20-3)                                             | 79 °C (ECHA)                                                                                             |
| phthalic anhydride (CAS: 85-44-9)                                      | 131.6 °C (BL dodavatele)                                                                                 |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFILAZURA

|               |                    |         |     |
|---------------|--------------------|---------|-----|
| Creation date | 08th July 2024     | Version | 2.0 |
| Revision date | 02nd February 2025 |         |     |

|                                                                      |                                                                                 |
|----------------------------------------------------------------------|---------------------------------------------------------------------------------|
| reaction mass of ethylbenzene and m-xylene and p-xylene              | -39.3 °C (ECHA)                                                                 |
| Technical xylene (mixed with ethylbenzene)                           | -94.96-13.2 °C (BL dodavatele)                                                  |
| titanium dioxide (CAS: 13463-67-7)                                   | >1560 °C (BL dodavatele)                                                        |
| toluene (CAS: 108-88-3)                                              | -95 °C (BL dodavatele)                                                          |
| Boiling point or initial boiling point and boiling range             | data not available                                                              |
| (2-methoxymethylethoxy)propanol (CAS: 34590-94-8)                    | 189.6 °C (BL dodavatele)                                                        |
| 2-methoxy-1-methylethyl acetate (CAS: 108-65-6)                      | 145.8 °C (BL dodavatele)                                                        |
| Dibutyltin dilaurate (CAS: 77-58-7)                                  | >200 °C (BL dodavatele)                                                         |
| ethylbenzene (CAS: 100-41-4)                                         | 136.1 °C (ECHA)                                                                 |
| hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics | 160-245 °C (BL dodavatele)                                                      |
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics   | 154-193 °C (BL dodavatele)                                                      |
| m-tolylidene diisocyanate (CAS: 26471-62-5)                          | 252-254 °C (BL dodavatele)                                                      |
| n-butyl acetate (CAS: 123-86-4)                                      | 124-126.5 °C (BL dodavatele)                                                    |
| naphthalene (CAS: 91-20-3)                                           | 218.2 °C (ECHA)                                                                 |
| phthalic anhydride (CAS: 85-44-9)                                    | 284.5 °C (BL dodavatele)                                                        |
| reaction mass of ethylbenzene and m-xylene and p-xylene              | 139.6 °C (ECHA)                                                                 |
| Technical xylene (mixed with ethylbenzene)                           | 136.2-144.5 °C (BL dodavatele)                                                  |
| titanium dioxide (CAS: 13463-67-7)                                   | 3000 °C (BL dodavatele)                                                         |
| toluene (CAS: 108-88-3)                                              | 110.6 °C (BL dodavatele)                                                        |
| Flammability                                                         | Flammable liquid of risk class II (ČSN 65 0201)                                 |
| n-butyl acetate (CAS: 123-86-4)                                      | inflammable (odvozeno od bodu vzplanutí)                                        |
| Technical xylene (mixed with ethylbenzene)                           | inflammable (BL dodavatele)                                                     |
| toluene (CAS: 108-88-3)                                              | Flammable liquid of risk class II (BL dodavatele)                               |
| Lower and upper explosion limit                                      |                                                                                 |
| bottom                                                               | 0.6 % (for hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic, <2% aromatics) |
| (2-methoxymethylethoxy)propanol (CAS: 34590-94-8)                    | 1.1 % (BL dodavatele)                                                           |
| 2-methoxy-1-methylethyl acetate (CAS: 108-65-6)                      | 1.5 % (BL dodavatele)                                                           |
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics   | 0.7 % (BL dodavatele)                                                           |
| m-tolylidene diisocyanate (CAS: 26471-62-5)                          | 0.9 % (BL dodavatele)                                                           |
| n-butyl acetate (CAS: 123-86-4)                                      | 1.2 % (literatura)                                                              |
| Technical xylene (mixed with ethylbenzene)                           | 0.8 % (BL dodavatele)                                                           |
| toluene (CAS: 108-88-3)                                              | 1.3 % (BL dodavatele)                                                           |
| upper                                                                | 50 % (for butane-on-oxime)                                                      |
| (2-methoxymethylethoxy)propanol (CAS: 34590-94-8)                    | 14 % (BL dodavatele)                                                            |
| 2-methoxy-1-methylethyl acetate (CAS: 108-65-6)                      | 7.0 % (BL dodavatele)                                                           |
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics   | 6 % (BL dodavatele)                                                             |
| m-tolylidene diisocyanate (CAS: 26471-62-5)                          | 9.5 % (BL dodavatele)                                                           |
| n-butyl acetate (CAS: 123-86-4)                                      | 7.6 % (literatura)                                                              |
| Technical xylene (mixed with ethylbenzene)                           | 7 % (BL dodavatele)                                                             |
| toluene (CAS: 108-88-3)                                              | 6.7 % (BL dodavatele)                                                           |
| Flash point                                                          | 34.5 °C (PND EN 456)                                                            |
| (2-methoxymethylethoxy)propanol (CAS: 34590-94-8)                    | 75 °C (BL dodavatele)                                                           |
| 2-methoxy-1-methylethyl acetate (CAS: 108-65-6)                      | 45 °C (BL dodavatele)                                                           |
| carbon black (CAS: 1333-86-4)                                        | >600 °C (BL dodavatele)                                                         |
| Dibutyltin dilaurate (CAS: 77-58-7)                                  | >180 °C (BL dodavatele)                                                         |
| ethylbenzene (CAS: 100-41-4)                                         | 22.85 °C (ECHA)                                                                 |
| hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics | >61 °C (BL dodavatele)                                                          |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

|               |                    |         |     |
|---------------|--------------------|---------|-----|
| Creation date | 08th July 2024     | Version | 2.0 |
| Revision date | 02nd February 2025 |         |     |

|                                                                      |                                                                      |
|----------------------------------------------------------------------|----------------------------------------------------------------------|
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics   | 41 °C (BL dodavatele)                                                |
| m-tolylidene diisocyanate (CAS: 26471-62-5)                          | 132 °C (BL dodavatele)                                               |
| n-butyl acetate (CAS: 123-86-4)                                      | 27 °C (BL dodavatele)                                                |
| naphthalene (CAS: 91-20-3)                                           | 78.5 °C (ECHA)                                                       |
| phthalic anhydride (CAS: 85-44-9)                                    | 152 °C (BL dodavatele)                                               |
| reaction mass of ethylbenzene and m-xylene and p-xylene              | 18 °C (ECHA)                                                         |
| Technical xylene (mixed with ethylbenzene)                           | 18-32 °C (BL dodavatele)                                             |
| toluene (CAS: 108-88-3)                                              | 4.4 °C (BL dodavatele)                                               |
| Auto-ignition temperature                                            | data not available                                                   |
| (2-methoxymethylethoxy)propanol (CAS: 34590-94-8)                    | 207 °C (BL dodavatele)                                               |
| 2-methoxy-1-methylethyl acetate (CAS: 108-65-6)                      | 333 °C (BL dodavatele)                                               |
| carbon black (CAS: 1333-86-4)                                        | >140 °C (BL dodavatele)                                              |
| ethylbenzene (CAS: 100-41-4)                                         | 430-432 °C (ECHA)                                                    |
| hydrocarbons, C10-C13, n-alkanes, isolakanes, cyclics, <2% aromatics | >200 °C (BL dodavatele)                                              |
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics   | 237 °C (BL dodavatele)                                               |
| m-tolylidene diisocyanate (CAS: 26471-62-5)                          | >595 °C (BL dodavatele)                                              |
| n-butyl acetate (CAS: 123-86-4)                                      | 415 °C (BL dodavatele)                                               |
| naphthalene (CAS: 91-20-3)                                           | 540 °C (ECHA)                                                        |
| phthalic anhydride (CAS: 85-44-9)                                    | 580 °C (BL dodavatele)                                               |
| reaction mass of ethylbenzene and m-xylene and p-xylene              | 488 °C (ECHA)                                                        |
| Technical xylene (mixed with ethylbenzene)                           | 432-528 °C (BL dodavatele)                                           |
| toluene (CAS: 108-88-3)                                              | 480 °C (BL dodavatele)                                               |
| Decomposition temperature                                            | data not available                                                   |
| Iron hydroxide oxide yellow (CAS: 51274-00-1)                        | 180 °C (BL dodavatele)                                               |
| pH                                                                   | non-soluble (in water)                                               |
| carbon black (CAS: 1333-86-4)                                        | 6-11 (3% solution) (BL dodavatele)                                   |
| diiron trioxide (CAS: 1309-37-1)                                     | 5-8 (5% solution) (BL dodavatele)                                    |
| Iron hydroxide oxide yellow (CAS: 51274-00-1)                        | 4.5-7.5 (0.005% solution) (BL dodavatele)                            |
| Kinematic viscosity                                                  | >20.5 mm²/s at 40 °C                                                 |
|                                                                      | data not available                                                   |
| (2-methoxymethylethoxy)propanol (CAS: 34590-94-8)                    | 4.55 mm²/s at 20 °C (BL dodavatele)                                  |
| 2-methoxy-1-methylethyl acetate (CAS: 108-65-6)                      | 1.23 mm²/s at 40 °C (BL dodavatele)                                  |
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics   | 1.02 mm²/s at 40 °C (BL dodavatele)                                  |
|                                                                      | 1.35 mm²/s at 20 °C (BL dodavatele)                                  |
| n-butyl acetate (CAS: 123-86-4)                                      | 0.83 mm²/s at 20 °C (BL dodavatele)                                  |
| Viscosity - flow time                                                | thixotropic (manufacturer's methodology B5/TD1-33 (ČSN EN ISO 2431)) |
| Solubility in water                                                  | not miscible                                                         |
| (2-methoxymethylethoxy)propanol (CAS: 34590-94-8)                    | >1000 g/l (25 °C) (BL dodavatele)                                    |
| 2-methoxy-1-methylethyl acetate (CAS: 108-65-6)                      | 247 g/l (BL dodavatele)                                              |
| ethylbenzene (CAS: 100-41-4)                                         | 200 mg/l při 25°C (ECHA)                                             |
| Iron hydroxide oxide yellow (CAS: 51274-00-1)                        | insoluble (BL dodavatele)                                            |
| n-butyl acetate (CAS: 123-86-4)                                      | 5.3 g/l při 20 °C (pH 6) (BL dodavatele)                             |
| naphthalene (CAS: 91-20-3)                                           | 31.7 mg/l při 25°C (ECHA)                                            |
| reaction mass of ethylbenzene and m-xylene and p-xylene              | 165.8 mg/l při 25°C (ECHA)                                           |
| Technical xylene (mixed with ethylbenzene)                           | 146-190.7 mg/l při 25 °C (BL dodavatele)                             |
| titanium dioxide (CAS: 13463-67-7)                                   | soluble (BL dodavatele)                                              |
| toluene (CAS: 108-88-3)                                              | 573-587 mg/l při 25°C (BL dodavatele)                                |
| Partition coefficient n-octanol/water (log value)                    | LogPow 0.63 to >4 (the range of ingredients included)                |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

|               |                    |         |     |
|---------------|--------------------|---------|-----|
| Creation date | 08th July 2024     | Version | 2.0 |
| Revision date | 02nd February 2025 |         |     |

|                                                                      |                                                                                              |
|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| ethylbenzene (CAS: 100-41-4)                                         | 3.03-3.6 (ECHA)                                                                              |
| naphthalene (CAS: 91-20-3)                                           | 3.7 (ECHA)                                                                                   |
| Vapour pressure                                                      | 0.067 hPa to 28.9 hPa at 20 °C (the range of ingredients included)                           |
| (2-methoxymethylethoxy)propanol (CAS: 34590-94-8)                    | 0.037 kPa at 20 °C (BL dodavatele)                                                           |
| 2-methoxy-1-methylethyl acetate (CAS: 108-65-6)                      | 355 at 20 °C (BL dodavatele)                                                                 |
| Dibutyltin dilaurate (CAS: 77-58-7)                                  | 0.00077 hPa at 25 °C (BL dodavatele)                                                         |
| ethylbenzene (CAS: 100-41-4)                                         | 9.52-10.1 hPa at 20 °C (ECHA)                                                                |
| hydrocarbons, C10-C13, n-alkanes, isolakanes, cyclics, <2% aromatics | <0.1 kPa at 20 °C (BL dodavatele)                                                            |
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics   | 20 hPa at 20 °C (BL dodavatele)                                                              |
| m-tolylidene diisocyanate (CAS: 26471-62-5)                          | <7 hPa at 20 °C (BL dodavatele)                                                              |
| n-butyl acetate (CAS: 123-86-4)                                      | 12-21 at 20 °C (literatura)                                                                  |
| naphthalene (CAS: 91-20-3)                                           | 0.105 hPa at 25 °C (ECHA)                                                                    |
| phthalic anhydride (CAS: 85-44-9)                                    | 0.0006 hPa at 26.6 °C (BL dodavatele)                                                        |
| reaction mass of ethylbenzene and m-xylene and p-xylene              | 8.21 hPa at 20 °C (ECHA)                                                                     |
| Technical xylene (mixed with ethylbenzene)                           | 650-944 Pa (BL dodavatele)                                                                   |
| toluene (CAS: 108-88-3)                                              | 3088.9 Pa at 21.1 °C (BL dodavatele)                                                         |
| Density and/or relative density                                      |                                                                                              |
| Density                                                              | 0.9-1.1 g/cm <sup>3</sup> at 23 °C (manufacturer's methodology B5/TD1-5 (ČSN EN ISO 2811-2)) |
| 2-methoxy-1-methylethyl acetate (CAS: 108-65-6)                      | 0.964 g/cm <sup>3</sup> at 25 °C (BL dodavatele)                                             |
| carbon black (CAS: 1333-86-4)                                        | 1.7-1.9 g/cm <sup>3</sup> at 20 °C (BL dodavatele)                                           |
| Dibutyltin dilaurate (CAS: 77-58-7)                                  | 1.03 g/cm <sup>3</sup> at 20 °C (BL dodavatele)                                              |
| ethylbenzene (CAS: 100-41-4)                                         | 0.867-0.868 g/cm <sup>3</sup> at 20 °C (ECHA)                                                |
| hydrocarbons, C10-C13, n-alkanes, isolakanes, cyclics, <2% aromatics | 0.751-0.851 g/cm <sup>3</sup> at 15 °C (BL dodavatele)                                       |
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics   | 0.78 g/cm <sup>3</sup> at 15 °C (BL dodavatele)                                              |
| Iron hydroxide oxide yellow (CAS: 51274-00-1)                        | 4.1 g/cm <sup>3</sup> at 20 °C (BL dodavatele)                                               |
| m-tolylidene diisocyanate (CAS: 26471-62-5)                          | 1.22 g/cm <sup>3</sup> at 20 °C (BL dodavatele)                                              |
| n-butyl acetate (CAS: 123-86-4)                                      | 0.8812 g/cm <sup>3</sup> at 20 °C (BL dodavatele)                                            |
| naphthalene (CAS: 91-20-3)                                           | 1.085 g/cm <sup>3</sup> at 20 °C (ECHA)                                                      |
| phthalic anhydride (CAS: 85-44-9)                                    | 1.527 g/cm <sup>3</sup> at 20 °C (BL dodavatele)                                             |
| reaction mass of ethylbenzene and m-xylene and p-xylene              | 0.86 g/cm <sup>3</sup> at 20 °C (ECHA)                                                       |
| Technical xylene (mixed with ethylbenzene)                           | 0.862-0.88 g/cm <sup>3</sup> at 25 °C (BL dodavatele)                                        |
| toluene (CAS: 108-88-3)                                              | 0.866 g/cm <sup>3</sup> at 20 °C (BL dodavatele)                                             |
| Relative vapour density                                              | data not available                                                                           |
| Particle characteristics                                             | data not available                                                                           |
| Form                                                                 | liquid: viscous, strongly thixotropic liquid without mechanical impurities                   |

### 9.2. Other information

|                                   |                                                                                                                                        |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Combustion temperature            | 42 °C (PND 65 6212)                                                                                                                    |
| Ignition temperature              | 245 °C (PND 33 0371)                                                                                                                   |
| Vapour density                    | > 1 (air = 1)                                                                                                                          |
| Appearance                        | transparent colored strongly thixotropic liquid without mechanical impurities (manufacturer's methodology B5/TD1-17 (ČSN EN ISO 1513)) |
| Content of organic solvents (VOC) | 0.356 kg/kg (calculation)                                                                                                              |
| Total organic carbon (TOC)        | 0.308 kg/kg (calculation)                                                                                                              |
| Solid content (dry matter)        | 50 % weight (manufacturer's methodology B5/TD1-12B (ČSN EN ISO 3251))                                                                  |
| VOC limit value                   | cat. A (e) SB: 400 g/l                                                                                                                 |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

|               |                    |         |     |
|---------------|--------------------|---------|-----|
| Creation date | 08th July 2024     | Version | 2.0 |
| Revision date | 02nd February 2025 |         |     |

Max. VOC content in the product in its ready to use condition 373 g/l (calculation)

Calorific value: 37.47 MJ/kg (ČSN 65 6169); Combustion heat: 40.16 MJ/kg (ČSN 65 6169); Temperature class: T3 (PND 33 0371).

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

not available

#### 10.2. Chemical stability

The product is stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

Unknown.

#### 10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

#### 10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

#### 10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Inhalation of solvent vapors above values exceeding exposure limits for working environment may result in acute inhalation poisoning, depending on the level of concentration and exposure time. No toxicological data is available for the mixture.

#### Acute toxicity

Based on the available data, the criteria for classification of the mixture are not met.

| S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA |           |        |             |               |         |     |                      |        |
|----------------------------------------------------------------------|-----------|--------|-------------|---------------|---------|-----|----------------------|--------|
| Route of exposure                                                    | Parameter | Method | Value       | Exposure time | Species | Sex | Value determination  | Source |
| Oral                                                                 | ATE       |        | 26751 mg/kg |               |         |     | Calculation of value |        |
| Dermal                                                               | ATE       |        | 55212 mg/kg |               |         |     | Calculation of value |        |
| Inhalation (vapor)                                                   | ATE       |        | 422.2 mg/l  |               |         |     | Calculation of value |        |

| (2-methoxymethylethoxy)propanol |                  |          |               |               |                         |     |                     |               |
|---------------------------------|------------------|----------|---------------|---------------|-------------------------|-----|---------------------|---------------|
| Route of exposure               | Parameter        | Method   | Value         | Exposure time | Species                 | Sex | Value determination | Source        |
| Oral                            | LD <sub>50</sub> | OECD 401 | >5000 mg/kg   |               | Rat                     |     |                     | BL dodavatele |
| Dermal                          | LD <sub>50</sub> | OECD 402 | 9510 mg/kg    |               | Rabbit                  |     |                     | BL dodavatele |
| Inhalation (vapor)              | LC <sub>50</sub> |          | 275 ppm       | 7 hours       | Rat                     |     |                     | BL dodavatele |
| Inhalation                      | LC <sub>50</sub> | OECD 403 | 3.35 mg/l     | 7 hours       | Rat (Rattus norvegicus) |     |                     | BL dodavatele |
| Oral                            | ATE              |          | 5001 mg/kg bw |               |                         |     |                     |               |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

Creation date

08th July 2024

Revision date

02nd February 2025

Version

2.0

### (2-methoxymethylethoxy)propanol

| Route of exposure  | Parameter | Method | Value         | Exposure time | Species | Sex | Value determination | Source |
|--------------------|-----------|--------|---------------|---------------|---------|-----|---------------------|--------|
| Inhalation (vapor) | ATE       |        | 3.35 mg/l     |               |         |     |                     |        |
| Dermal             | ATE       |        | 9510 mg/kg bw |               |         |     |                     |        |

### 2-methoxy-1-methylethyl acetate

| Route of exposure  | Parameter        | Method   | Value       | Exposure time | Species                 | Sex | Value determination | Source        |
|--------------------|------------------|----------|-------------|---------------|-------------------------|-----|---------------------|---------------|
| Oral               | LD <sub>50</sub> | OECD 401 | 6190 mg/kg  |               | Rat (Rattus norvegicus) | F/M |                     | BL dodavatele |
| Inhalation         | LC <sub>0</sub>  |          | >23.5 mg/l  | 6 hours       | Rat (Rattus norvegicus) |     |                     | BL dodavatele |
| Dermal             | LD <sub>50</sub> | OECD 402 | >5000 mg/kg |               | Rat (Rattus norvegicus) |     |                     | BL dodavatele |
| Inhalation (gases) | LC <sub>50</sub> | OECD 403 | >2000 ppm   | 3 hours       | Rat (Rattus norvegicus) | M   |                     | BL dodavatele |

### carbon black

| Route of exposure | Parameter        | Method   | Value                 | Exposure time | Species | Sex | Value determination | Source        |
|-------------------|------------------|----------|-----------------------|---------------|---------|-----|---------------------|---------------|
| Oral              | LD <sub>50</sub> | OECD 401 | >8000 mg/kg           |               | Rat     |     |                     | BL dodavatele |
| Inhalation        | LC <sub>0</sub>  |          | 4.6 mg/m <sup>3</sup> | 4 hours       | Rat     |     |                     | BL dodavatele |
| Inhalation        | NOAEL            |          | 1.1 mg/m <sup>3</sup> | 13 weeks      | Rat     |     |                     | BL dodavatele |

### Dibutyltin dilaurate

| Route of exposure | Parameter        | Method | Value         | Exposure time | Species                 | Sex | Value determination | Source |
|-------------------|------------------|--------|---------------|---------------|-------------------------|-----|---------------------|--------|
| Oral              | LD <sub>50</sub> |        | 2071 mg/kg bw |               | Rat (Rattus norvegicus) |     |                     | ECHA   |
| Dermal            | LD <sub>50</sub> |        | 2000 mg/kg bw |               | Rat (Rattus norvegicus) |     |                     | ECHA   |

### diiron trioxide

| Route of exposure | Parameter        | Method | Value       | Exposure time | Species | Sex | Value determination | Source        |
|-------------------|------------------|--------|-------------|---------------|---------|-----|---------------------|---------------|
| Oral              | LD <sub>50</sub> |        | >5000 mg/kg |               | Rat     |     |                     | BL dodavatele |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

|               |                    |         |     |
|---------------|--------------------|---------|-----|
| Creation date | 08th July 2024     | Version | 2.0 |
| Revision date | 02nd February 2025 |         |     |

| ethylbenzene       |                  |        |             |               |         |     |                     |        |
|--------------------|------------------|--------|-------------|---------------|---------|-----|---------------------|--------|
| Route of exposure  | Parameter        | Method | Value       | Exposure time | Species | Sex | Value determination | Source |
| Oral               | LD <sub>50</sub> |        | 3500 mg/kg  |               | Rat     |     |                     |        |
| Dermal             | LD <sub>50</sub> |        | 17800 mg/kg |               | Rat     |     |                     |        |
| Inhalation (vapor) | LC <sub>50</sub> |        | 17400 mg/kg | 4 hours       | Rat     |     |                     |        |

| hydrocarbons, C10-C13, n-alkanes, isolakanes, cyclics, <2% aromatics |                  |          |                         |               |         |     |                     |               |
|----------------------------------------------------------------------|------------------|----------|-------------------------|---------------|---------|-----|---------------------|---------------|
| Route of exposure                                                    | Parameter        | Method   | Value                   | Exposure time | Species | Sex | Value determination | Source        |
|                                                                      | EC <sub>50</sub> |          | 5 mg/l of air           | 72 hours      | Rat     |     |                     | ECHA          |
| Dermal                                                               | LD <sub>50</sub> | OECD 402 | >5000 mg/kg             | 72 hours      | Rabbit  |     |                     | BL dodavatele |
| Inhalation (vapor)                                                   | LC <sub>50</sub> | OECD 403 | >5000 mg/m <sup>3</sup> | 4 hours       | Rat     |     |                     | BL dodavatele |
| Oral                                                                 | LD <sub>50</sub> | OECD 401 | >5000 mg/kg             |               | Rat     |     |                     | BL dodavatele |

| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics |                  |          |                        |               |         |     |                     |               |
|--------------------------------------------------------------------|------------------|----------|------------------------|---------------|---------|-----|---------------------|---------------|
| Route of exposure                                                  | Parameter        | Method   | Value                  | Exposure time | Species | Sex | Value determination | Source        |
| Oral                                                               | LD <sub>50</sub> | OECD 401 | >5000 mg/kg            |               | Rat     |     |                     | BL dodavatele |
| Inhalation                                                         | LC <sub>50</sub> | OECD 403 | 5000 mg/m <sup>3</sup> | 4 hours       | Rat     |     |                     | BL dodavatele |
| Dermal                                                             | LD <sub>50</sub> | OECD 402 | >5000 mg/kg            |               | Rabbit  |     |                     | BL dodavatele |

| Iron hydroxide oxide yellow |                  |        |                        |               |         |     |                     |               |
|-----------------------------|------------------|--------|------------------------|---------------|---------|-----|---------------------|---------------|
| Route of exposure           | Parameter        | Method | Value                  | Exposure time | Species | Sex | Value determination | Source        |
| Oral                        | LD <sub>50</sub> |        | >10000 mg/kg           |               | Rat     |     |                     | BL dodavatele |
| Inhalation (dust/mist)      | LD <sub>50</sub> |        | >195 mg/m <sup>3</sup> | 2 weeks       | Rat     |     |                     | BL dodavatele |

| m-tolylidene diisocyanate |                  |          |            |               |                         |     |                     |               |
|---------------------------|------------------|----------|------------|---------------|-------------------------|-----|---------------------|---------------|
| Route of exposure         | Parameter        | Method   | Value      | Exposure time | Species                 | Sex | Value determination | Source        |
| Oral                      | LD <sub>50</sub> | OECD 401 | 5110 mg/kg |               | Rat (Rattus norvegicus) | M   |                     | BL dodavatele |
| Oral                      | LD <sub>50</sub> | OECD 401 | 4130 mg/kg |               | Rat (Rattus norvegicus) | F   |                     | BL dodavatele |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

Creation date

08th July 2024

Revision date

02nd February 2025

Version

2.0

### m-tolylidene diisocyanate

| Route of exposure | Parameter        | Method   | Value       | Exposure time | Species                 | Sex | Value determination | Source        |
|-------------------|------------------|----------|-------------|---------------|-------------------------|-----|---------------------|---------------|
| Dermal            | LD <sub>50</sub> | OECD 402 | >9400 mg/kg |               | Rabbit                  | F/M |                     | BL dodavatele |
| Inhalation        | LC <sub>50</sub> | OECD 403 | 0.107 mg/l  | 4 hours       | Rat (Rattus norvegicus) | F/M |                     | BL dodavatele |
| Inhalation        | LC <sub>50</sub> | OECD 403 | 0.47 mg/l   | 1 hour        | Rat (Rattus norvegicus) | F/M |                     | BL dodavatele |

### n-butyl acetate

| Route of exposure | Parameter        | Method   | Value        | Exposure time | Species                 | Sex | Value determination | Source        |
|-------------------|------------------|----------|--------------|---------------|-------------------------|-----|---------------------|---------------|
| Oral              | LD <sub>50</sub> |          | 10736 mg/kg  |               | Rat (Rattus norvegicus) |     |                     | BL dodavatele |
| Inhalation        | LC <sub>50</sub> | OECD 403 | >21.1 mg/l   | 4 hours       | Rat (Rattus norvegicus) |     |                     | BL dodavatele |
| Dermal            | LD <sub>50</sub> |          | >14000 mg/kg |               | Rabbit                  |     |                     | BL dodavatele |
| Inhalation        | LC <sub>0</sub>  |          | >38.32 mg/l  | 6 hours       | Rat (Rattus norvegicus) |     |                     | BL dodavatele |

### naphthalene

| Route of exposure | Parameter        | Method | Value       | Exposure time | Species | Sex | Value determination | Source        |
|-------------------|------------------|--------|-------------|---------------|---------|-----|---------------------|---------------|
| Oral              | LD <sub>50</sub> |        | 2300 mg/kg  |               | Rat     |     |                     | BL dodavatele |
| Inhalation        | LC <sub>50</sub> |        | 5 mg/l      | 4 hours       | Rat     |     |                     | BL dodavatele |
| Dermal            | LD <sub>50</sub> |        | >2000 mg/kg |               | Rabbit  |     |                     | BL dodavatele |

### neodecanoic acid, cobalt salt

| Route of exposure | Parameter        | Method   | Value       | Exposure time | Species                 | Sex | Value determination | Source        |
|-------------------|------------------|----------|-------------|---------------|-------------------------|-----|---------------------|---------------|
| Oral              | LD <sub>50</sub> | OECD 425 | 1098 mg/kg  |               | Rat (Rattus norvegicus) | F   |                     | BL dodavatele |
| Dermal            | LD <sub>50</sub> | OECD 402 | >5000 mg/kg |               | Rat (Rattus norvegicus) | F/M |                     | BL dodavatele |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

Creation date

08th July 2024

Revision date

02nd February 2025

Version

2.0

### phthalic anhydride

| Route of exposure | Parameter        | Method | Value            | Exposure time | Species                 | Sex | Value determination | Source |
|-------------------|------------------|--------|------------------|---------------|-------------------------|-----|---------------------|--------|
| Oral              | LD <sub>50</sub> |        | 1530 mg/kg bw    |               | Rat (Rattus norvegicus) |     |                     | ECHA   |
| Inhalation        | LC <sub>50</sub> |        | 2.14 mg/l of air | 4 hours       | Rat (Rattus norvegicus) |     |                     | ECHA   |

### reaction mass of ethylbenzene and m-xylene and p-xylene

| Route of exposure  | Parameter        | Method | Value          | Exposure time | Species | Sex | Value determination | Source |
|--------------------|------------------|--------|----------------|---------------|---------|-----|---------------------|--------|
| Oral               | LD <sub>50</sub> |        | 3523 mg/kg bw  |               | Rat     |     |                     | ECHA   |
| Inhalation (vapor) | LD <sub>50</sub> |        | 6350 ppm       | 4 hours       | Rat     |     |                     | ECHA   |
| Dermal             | LD <sub>50</sub> |        | 12126 mg/kg bw |               | Rabbit  |     |                     | ECHA   |
| Oral               | NOAEL            |        | 150 mg/kg bw   |               | Rat     |     |                     | ECHA   |
| Oral               | LOAEL            |        | 150 mg/kg bw   |               | Rat     |     |                     | ECHA   |

### Technical xylene (mixed with ethylbenzene)

| Route of exposure  | Parameter        | Method | Value          | Exposure time | Species | Sex | Value determination | Source |
|--------------------|------------------|--------|----------------|---------------|---------|-----|---------------------|--------|
| Oral               | LD <sub>50</sub> |        | 3523 mg/kg bw  |               | Rat     |     |                     | ECHA   |
| Inhalation (vapor) | LD <sub>50</sub> |        | 6350 ppm       | 4 hours       | Rat     |     |                     | ECHA   |
| Dermal             | LD <sub>50</sub> |        | 12126 mg/kg bw |               | Rabbit  |     |                     | ECHA   |
| Oral               | NOAEL            |        | 150 mg/kg bw   |               | Rat     |     |                     | ECHA   |
| Oral               | LOAEL            |        | 150 mg/kg bw   |               | Rat     |     |                     | ECHA   |

### titanium dioxide

| Route of exposure | Parameter        | Method | Value             | Exposure time | Species | Sex | Value determination | Source        |
|-------------------|------------------|--------|-------------------|---------------|---------|-----|---------------------|---------------|
| Oral              | LD <sub>50</sub> |        | >5000 mg/kg       |               |         |     |                     | BL dodavatele |
| Inhalation        | LC <sub>50</sub> |        | >6.82 mg/l of air |               |         |     |                     | BL dodavatele |

### toluene

| Route of exposure | Parameter        | Method | Value         | Exposure time | Species                 | Sex | Value determination | Source        |
|-------------------|------------------|--------|---------------|---------------|-------------------------|-----|---------------------|---------------|
| Oral              | LD <sub>50</sub> |        | 5000 mg/kg bw |               |                         |     |                     | BL dodavatele |
| Inhalation        | LC <sub>50</sub> |        | 188 mg/l      |               | Rat (Rattus norvegicus) |     |                     |               |
| Dermal            | LD <sub>50</sub> |        | 5000 mg/kg bw |               |                         |     |                     | BL dodavatele |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

Creation date 08th July 2024  
Revision date 02nd February 2025 Version 2.0

### Skin corrosion/irritation

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

| 2-methoxy-1-methylethyl acetate |                |          |               |         |               |
|---------------------------------|----------------|----------|---------------|---------|---------------|
| Route of exposure               | Result         | Method   | Exposure time | Species | Source        |
| Dermal                          | Not irritating | OECD 404 |               | Rabbit  | BL dodavatele |

| hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics |                               |          |               |         |        |
|----------------------------------------------------------------------|-------------------------------|----------|---------------|---------|--------|
| Route of exposure                                                    | Result                        | Method   | Exposure time | Species | Source |
| Oral                                                                 | Negative, Slightly irritating | OECD 404 |               |         |        |

| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics |                     |          |               |         |               |
|--------------------------------------------------------------------|---------------------|----------|---------------|---------|---------------|
| Route of exposure                                                  | Result              | Method   | Exposure time | Species | Source        |
|                                                                    | Slightly irritating | OECD 404 |               |         | BL dodavatele |

| neodecanoic acid, cobalt salt |                |          |               |         |               |
|-------------------------------|----------------|----------|---------------|---------|---------------|
| Route of exposure             | Result         | Method   | Exposure time | Species | Source        |
|                               | Not irritating | OECD 404 |               | Rabbit  | BL dodavatele |

### Irritation

| m-tolylidene diisocyanate |                               |               |         |               |
|---------------------------|-------------------------------|---------------|---------|---------------|
| Route of exposure         | Result                        | Exposure time | Species | Source        |
|                           | Irritating, Highly irritating |               | Rabbit  | BL dodavatele |

### Serious eye damage/irritation

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

| 2-methoxy-1-methylethyl acetate |                     |          |               |         |               |
|---------------------------------|---------------------|----------|---------------|---------|---------------|
| Route of exposure               | Result              | Method   | Exposure time | Species | Source        |
| Eye                             | Slightly irritating | OECD 405 |               | Rabbit  | BL dodavatele |

| hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics |                     |          |               |         |        |
|----------------------------------------------------------------------|---------------------|----------|---------------|---------|--------|
| Route of exposure                                                    | Result              | Method   | Exposure time | Species | Source |
| Eye                                                                  | Slightly irritating | OECD 405 |               |         |        |

| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics |                     |          |               |         |               |
|--------------------------------------------------------------------|---------------------|----------|---------------|---------|---------------|
| Route of exposure                                                  | Result              | Method   | Exposure time | Species | Source        |
| Eye                                                                | Slightly irritating | OECD 405 |               |         | BL dodavatele |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

Creation date 08th July 2024  
Revision date 02nd February 2025 Version 2.0

| neodecanoic acid, cobalt salt |                |          |               |         |               |
|-------------------------------|----------------|----------|---------------|---------|---------------|
| Route of exposure             | Result         | Method   | Exposure time | Species | Source        |
| Eye                           | Not irritating | OECD 405 |               | Rabbit  | BL dodavatele |

### Respiratory or skin sensitisation

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

| 2-methoxy-1-methylethyl acetate |          |          |               |                                        |     |               |
|---------------------------------|----------|----------|---------------|----------------------------------------|-----|---------------|
| Route of exposure               | Result   | Method   | Exposure time | Species                                | Sex | Source        |
| Dermal                          | Negative | OECD 406 |               | Guinea-pig (Cavia aperea f. porcellus) |     | BL dodavatele |

| hydrocarbons, C10-C13, n-alkanes, isolkanes, cyclics, <2% aromatics |          |        |               |         |     |        |
|---------------------------------------------------------------------|----------|--------|---------------|---------|-----|--------|
| Route of exposure                                                   | Result   | Method | Exposure time | Species | Sex | Source |
|                                                                     | Negative |        |               |         |     |        |

| neodecanoic acid, cobalt salt |             |          |               |         |     |               |
|-------------------------------|-------------|----------|---------------|---------|-----|---------------|
| Route of exposure             | Result      | Method   | Exposure time | Species | Sex | Source        |
| Dermal                        | Sensitizing | OECD 429 |               | Mouse   |     | BL dodavatele |

### Sensitization

| m-tolylidene diisocyanate |          |          |               |         |     |               |
|---------------------------|----------|----------|---------------|---------|-----|---------------|
| Route of exposure         | Result   | Method   | Exposure time | Species | Sex | Source        |
| Dermal                    | Positive | OECD 429 |               | Mouse   |     | BL dodavatele |

### Germ cell mutagenicity

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

| hydrocarbons, C10-C13, n-alkanes, isolkanes, cyclics, <2% aromatics |          |               |                       |         |     |        |
|---------------------------------------------------------------------|----------|---------------|-----------------------|---------|-----|--------|
| Result                                                              | Method   | Exposure time | Specific target organ | Species | Sex | Source |
| Negative                                                            | OECD 471 |               |                       |         |     |        |

| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics |          |               |                       |         |     |               |
|--------------------------------------------------------------------|----------|---------------|-----------------------|---------|-----|---------------|
| Result                                                             | Method   | Exposure time | Specific target organ | Species | Sex | Source        |
| Negative                                                           | OECD 471 |               |                       |         |     | BL dodavatele |

| neodecanoic acid, cobalt salt |          |               |                       |         |     |               |
|-------------------------------|----------|---------------|-----------------------|---------|-----|---------------|
| Result                        | Method   | Exposure time | Specific target organ | Species | Sex | Source        |
| Negative                      | OECD 471 |               |                       |         |     | BL dodavatele |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

Creation date 08th July 2024  
Revision date 02nd February 2025 Version 2.0

| neodecanoic acid, cobalt salt |          |               |                       |                         |     |                |
|-------------------------------|----------|---------------|-----------------------|-------------------------|-----|----------------|
| Result                        | Method   | Exposure time | Specific target organ | Species                 | Sex | Source         |
| Negative                      | OECD 475 |               |                       | Rat (Rattus norvegicus) |     | BL dodavatel e |

### Carcinogenicity

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

| (2-methoxymethylethoxy)propanol |           |          |                           |                      |          |                         |     |                |
|---------------------------------|-----------|----------|---------------------------|----------------------|----------|-------------------------|-----|----------------|
| Route of exposure               | Parameter | Method   | Value                     | Exposure time        | Result   | Species                 | Sex | Source         |
| Inhalation (vapor)              |           | OECD 453 | 18184.5 mg/m <sup>3</sup> | 2 years (6 hour/day) | Negative | Rat (Rattus norvegicus) | F/M | BL dodavate le |

| 2-methoxy-1-methylethyl acetate |           |        |             |                                     |        |                         |     |                |
|---------------------------------|-----------|--------|-------------|-------------------------------------|--------|-------------------------|-----|----------------|
| Route of exposure               | Parameter | Method | Value       | Exposure time                       | Result | Species                 | Sex | Source         |
| Inhalation                      | NOAEL     |        | ≥11.07 mg/l | 24 months (6 hour/day, 5 days/week) |        | Rat (Rattus norvegicus) | F/M | BL dodavate le |

| hydrocarbons, C10-C13, n-alkanes, isolkanes, cyclics, <2% aromatics |           |          |       |               |          |         |     |        |
|---------------------------------------------------------------------|-----------|----------|-------|---------------|----------|---------|-----|--------|
| Route of exposure                                                   | Parameter | Method   | Value | Exposure time | Result   | Species | Sex | Source |
| Oral                                                                |           | OECD 453 |       |               | Negative |         |     |        |

| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics |           |          |       |               |          |         |     |                |
|--------------------------------------------------------------------|-----------|----------|-------|---------------|----------|---------|-----|----------------|
| Route of exposure                                                  | Parameter | Method   | Value | Exposure time | Result   | Species | Sex | Source         |
|                                                                    |           | OECD 453 |       |               | Negative |         |     | BL dodavate le |

| m-tolylidene diisocyanate |           |          |       |               |                            |                         |     |                |
|---------------------------|-----------|----------|-------|---------------|----------------------------|-------------------------|-----|----------------|
| Route of exposure         | Parameter | Method   | Value | Exposure time | Result                     | Species                 | Sex | Source         |
| Inhalation (vapor)        |           | OECD 453 |       |               | Tumor formation, No effect | Rat (Rattus norvegicus) | F/M | BL dodavate le |

| toluene           |           |        |                        |               |                  |         |     |                |
|-------------------|-----------|--------|------------------------|---------------|------------------|---------|-----|----------------|
| Route of exposure | Parameter | Method | Value                  | Exposure time | Result           | Species | Sex | Source         |
|                   | NOAEC     |        | 4522 mg/m <sup>3</sup> |               | Not carcinogenic |         |     | BL dodavate le |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

|               |                    |         |     |
|---------------|--------------------|---------|-----|
| Creation date | 08th July 2024     | Version | 2.0 |
| Revision date | 02nd February 2025 |         |     |

### Reproductive toxicity

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

| (2-methoxymethylethoxy)propanol |           |          |                           |                      |        |                         |     |               |
|---------------------------------|-----------|----------|---------------------------|----------------------|--------|-------------------------|-----|---------------|
| Effect                          | Parameter | Method   | Value                     | Exposure time        | Result | Species                 | Sex | Source        |
| Effects on fertility            | NOAEL     | OECD 416 | 300 ppm                   |                      |        | Rat (Rattus norvegicus) | F/M | BL dodavatele |
| Effects on fertility            | NOEC      | OECD 416 | 6061.35 mg/m <sup>3</sup> |                      |        | Rat (Rattus norvegicus) | F/M | BL dodavatele |
| Developmental toxicity          | NOEC      |          | 1818.4 mg/m <sup>3</sup>  | 10 days (6 hour/day) |        | Rabbit                  |     | BL dodavatele |

| hydrocarbons, C10-C13, n-alkanes, isolkanes, cyclics, <2% aromatics |           |          |       |               |          |         |     |        |
|---------------------------------------------------------------------|-----------|----------|-------|---------------|----------|---------|-----|--------|
| Effect                                                              | Parameter | Method   | Value | Exposure time | Result   | Species | Sex | Source |
|                                                                     |           | OECD 413 |       |               | Negative |         |     |        |

| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics |           |          |       |               |          |         |     |               |
|--------------------------------------------------------------------|-----------|----------|-------|---------------|----------|---------|-----|---------------|
| Effect                                                             | Parameter | Method   | Value | Exposure time | Result   | Species | Sex | Source        |
|                                                                    |           | OECD 413 |       |               | Negative |         |     | BL dodavatele |

| m-tolylidene diisocyanate |           |          |           |                      |           |                         |     |               |
|---------------------------|-----------|----------|-----------|----------------------|-----------|-------------------------|-----|---------------|
| Effect                    | Parameter | Method   | Value     | Exposure time        | Result    | Species                 | Sex | Source        |
| Effects on fertility      | NOAEL     | OECD 416 | <0.02 ppm |                      | No effect | Rat (Rattus norvegicus) | F/M | BL dodavatele |
| Developmental toxicity    | NOAEL     | OECD 414 | 0.1 ppm   | 21 days (6 hour/day) | No effect | Rat (Rattus norvegicus) | F   | BL dodavatele |

| neodecanoic acid, cobalt salt |           |          |            |               |          |                         |     |               |
|-------------------------------|-----------|----------|------------|---------------|----------|-------------------------|-----|---------------|
| Effect                        | Parameter | Method   | Value      | Exposure time | Result   | Species                 | Sex | Source        |
| Effects on fertility          | NOAEL     | OECD 422 | 5 mg/kg bw |               | Negative | Rat (Rattus norvegicus) | F/M | BL dodavatele |

| toluene                |           |        |          |               |                        |         |     |               |
|------------------------|-----------|--------|----------|---------------|------------------------|---------|-----|---------------|
| Effect                 | Parameter | Method | Value    | Exposure time | Result                 | Species | Sex | Source        |
| Developmental toxicity | Inhalačně |        | 1000 ppm |               | Toxic for reproduction |         |     | BL dodavatele |

### Toxicity for specific target organ - single exposure

May cause drowsiness or dizziness.

| hydrocarbons, C10-C13, n-alkanes, isolkanes, cyclics, <2% aromatics |           |       |          |         |     |        |  |
|---------------------------------------------------------------------|-----------|-------|----------|---------|-----|--------|--|
| Route of exposure                                                   | Parameter | Value | Result   | Species | Sex | Source |  |
|                                                                     |           |       | Negative |         |     |        |  |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

Creation date 08th July 2024  
Revision date 02nd February 2025 Version 2.0

| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics |           |       |          |         |     |               |
|--------------------------------------------------------------------|-----------|-------|----------|---------|-----|---------------|
| Route of exposure                                                  | Parameter | Value | Result   | Species | Sex | Source        |
|                                                                    |           |       | Positive |         |     | BL dodavatele |

| m-tolylidene diisocyanate |           |       |            |         |     |               |
|---------------------------|-----------|-------|------------|---------|-----|---------------|
| Route of exposure         | Parameter | Value | Result     | Species | Sex | Source        |
| Inhalation                |           |       | Irritating |         |     | BL dodavatele |

### Toxicity for specific target organ - repeated exposure

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

| hydrocarbons, C10-C13, n-alkanes, isolakanes, cyclics, <2% aromatics |           |          |       |          |         |     |        |
|----------------------------------------------------------------------|-----------|----------|-------|----------|---------|-----|--------|
| Route of exposure                                                    | Parameter | Method   | Value | Result   | Species | Sex | Source |
| Oral                                                                 |           | OECD 408 |       | Negative |         |     |        |

| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics |           |          |       |          |         |     |               |
|--------------------------------------------------------------------|-----------|----------|-------|----------|---------|-----|---------------|
| Route of exposure                                                  | Parameter | Method   | Value | Result   | Species | Sex | Source        |
|                                                                    |           | OECD 408 |       | Negative |         |     | BL dodavatele |

| neodecanoic acid, cobalt salt |           |        |       |          |         |     |               |
|-------------------------------|-----------|--------|-------|----------|---------|-----|---------------|
| Route of exposure             | Parameter | Method | Value | Result   | Species | Sex | Source        |
| Oral                          |           |        |       | Positive |         |     | BL dodavatele |

### Repeated dose toxicity

| (2-methoxymethylethoxy)propanol |           |        |          |                        |                                    |                         |     |               |
|---------------------------------|-----------|--------|----------|------------------------|------------------------------------|-------------------------|-----|---------------|
| Route of exposure               | Parameter | Result | Method   | Value                  | Exposure time                      | Species                 | Sex | Source        |
| Oral                            | NOAEL     |        |          | 1000 mg/kg             | 4 weeks (7 days/week)              | Rat (Rattus norvegicus) | F/M | BL dodavatele |
| Inhalation (vapor)              | NOAEL     |        | OECD 413 | 1232 mg/m <sup>3</sup> | 13 weeks (6 hour/day, 5 days/week) | Rat (Rattus norvegicus) | F/M | BL dodavatele |
| Dermal                          | NOAEL     |        | OECD 411 | 2850 mg/kg             | 90 days (5 days/week)              | Rabbit                  | M   | BL dodavatele |

| 2-methoxy-1-methylethyl acetate |           |        |          |                        |               |                         |     |               |
|---------------------------------|-----------|--------|----------|------------------------|---------------|-------------------------|-----|---------------|
| Route of exposure               | Parameter | Result | Method   | Value                  | Exposure time | Species                 | Sex | Source        |
| Inhalation                      | NOAEL     |        |          | 1000 ppm               |               | Rat                     |     | echa          |
| Dermal                          | NOAEL     |        |          | 1000-1838 mg/kg bw/day |               | Rabbit                  |     | echa          |
| Oral                            | NOAEL     |        | OECD 422 | 1000 mg/kg             |               | Rat (Rattus norvegicus) | F/M | BL dodavatele |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

Creation date 08th July 2024  
Revision date 02nd February 2025 Version 2.0

### Dibutyltin dilaurate

| Route of exposure | Parameter | Result | Method | Value            | Exposure time | Species                 | Sex | Source |
|-------------------|-----------|--------|--------|------------------|---------------|-------------------------|-----|--------|
| Oral              | NOAEL     |        |        | 0.3 mg/kg bw/day |               | Rat (Rattus norvegicus) |     | ECHA   |

### ethylbenzene

| Route of exposure | Parameter | Result | Method | Value           | Exposure time | Species | Sex | Source |
|-------------------|-----------|--------|--------|-----------------|---------------|---------|-----|--------|
| Oral              | NOAEL     |        |        | 75 mg/kg bw/day |               | Rat     |     | echa   |
| Inhalation        | NOAEC     |        |        | 75 mg/kg bw/day |               | Rat     |     | echa   |

### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics

| Route of exposure | Parameter | Result | Method | Value                 | Exposure time | Species | Sex | Source |
|-------------------|-----------|--------|--------|-----------------------|---------------|---------|-----|--------|
| Oral              | NOAEL     |        |        | 500-5000 mg/kg bw/day |               | Rat     |     | ECHA   |
| Inhalation        | NOAEL     |        |        | 200 ppm               |               | Rat     |     | ECHA   |

### m-tolylidene diisocyanate

| Route of exposure  | Parameter | Result | Method   | Value    | Exposure time | Species                 | Sex | Source         |
|--------------------|-----------|--------|----------|----------|---------------|-------------------------|-----|----------------|
| Inhalation (vapor) | LOAEL     |        | OECD 453 | 0.05 ppm |               | Rat (Rattus norvegicus) | F/M | BL dodavatel e |

### neodecanoic acid, cobalt salt

| Route of exposure | Parameter | Result | Method   | Value   | Exposure time            | Species                 | Sex | Source         |
|-------------------|-----------|--------|----------|---------|--------------------------|-------------------------|-----|----------------|
| Oral              | NOAEL     |        | OECD 422 | 5 mg/kg | 40-49 days (7 days/week) | Rat (Rattus norvegicus) | F/M | BL dodavatel e |

### phthalic anhydride

| Route of exposure | Parameter | Result | Method | Value            | Exposure time | Species                 | Sex | Source |
|-------------------|-----------|--------|--------|------------------|---------------|-------------------------|-----|--------|
| Oral              | NOAEL     |        |        | 500 mg/kg bw/day |               | Rat (Rattus norvegicus) |     | ECHA   |

### toluene

| Route of exposure | Parameter | Result | Method | Value                | Exposure time | Species                 | Sex | Source         |
|-------------------|-----------|--------|--------|----------------------|---------------|-------------------------|-----|----------------|
| Oral              | NOAEL     |        |        | 625 mg/kg bw/day     |               | Rat (Rattus norvegicus) |     | echa           |
| Inhalation        | NOAEC     |        |        | 1.131 mg/l of air    |               | Rat (Rattus norvegicus) |     | echa           |
| Oral              | NOAEL     |        |        | 625 mg/kg bw/day     |               |                         |     | BL dodavatel e |
| Inhalation        | NOAEC     |        |        | 98 mg/m <sup>3</sup> |               |                         |     | BL dodavatel e |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

|               |                    |         |     |
|---------------|--------------------|---------|-----|
| Creation date | 08th July 2024     | Version | 2.0 |
| Revision date | 02nd February 2025 |         |     |

### Aspiration hazard

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics |          |               |         |     |               |
|--------------------------------------------------------------------|----------|---------------|---------|-----|---------------|
| Route of exposure                                                  | Result   | Exposure time | Species | Sex | Source        |
|                                                                    | Positive |               |         |     | BL dodavatele |

### 11.2. Information on other hazards

#### Endocrine disrupting properties

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any components that may cause endocrine disruption for humans.

#### Other information

not available

## SECTION 12: Ecological information

### 12.1. Toxicity

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

#### Acute toxicity

| (2-methoxymethylethoxy)propanol |          |            |               |                                         |             |               |
|---------------------------------|----------|------------|---------------|-----------------------------------------|-------------|---------------|
| Parameter                       | Method   | Value      | Exposure time | Species                                 | Environment | Source        |
| LC <sub>50</sub>                | OECD 203 | >1000 mg/l | 96 hours      | Fish (Oncorhynchus mykiss)              |             | BL dodavatele |
| LC <sub>50</sub>                | OECD 202 | 1919 mg/l  | 48 hours      | Daphnia (Daphnia magna)                 |             | BL dodavatele |
| ErC <sub>50</sub>               | OECD 201 | >969 mg/l  | 96 hours      | Algae (Pseudokirchneriella subcapitata) |             | BL dodavatele |
| EC <sub>10</sub>                |          | 4168 mg/l  | 18 hours      | Microorganisms (Pseudomonas putida)     |             | BL dodavatele |

| 2-methoxy-1-methylethyl acetate |          |            |               |                                             |             |               |
|---------------------------------|----------|------------|---------------|---------------------------------------------|-------------|---------------|
| Parameter                       | Method   | Value      | Exposure time | Species                                     | Environment | Source        |
| LC <sub>50</sub>                |          | 134 mg/l   | 96 hours      | Fish (Oncorhynchus mykiss)                  |             | BL dodavatele |
| EC <sub>50</sub>                |          | 408 mg/l   | 48 hours      | Daphnia (Daphnia magna)                     |             | BL dodavatele |
| EC <sub>50</sub>                |          | 500 mg/l   | 48 hours      | Aquatic invertebrates                       |             | echa          |
| ErC <sub>50</sub>               | OECD 201 | >1000 mg/l | 96 hours      | Algae (Selenastrum capricornutum)           |             | BL dodavatele |
| EC <sub>10</sub>                |          | 1 g/l      | 30 minutes    | Microorganisms (Photobacterium phosphoreum) |             | echa          |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

Creation date  
Revision date

08th July 2024  
02nd February 2025

Version

2.0

| carbon black     |          |             |               |                                 |                  |                |
|------------------|----------|-------------|---------------|---------------------------------|------------------|----------------|
| Parameter        | Method   | Value       | Exposure time | Species                         | Environment      | Source         |
| LC <sub>50</sub> | OECD 203 | >1000 mg/l  | 96 hours      | Fish (Branchydanio rerio)       |                  | BL dodavatel e |
| EC <sub>50</sub> | OECD 202 | >5600 mg/l  | 24 hours      | Daphnia (Daphnia magna)         |                  | BL dodavatel e |
| EC <sub>50</sub> |          | >10000 mg/l | 72 hours      | Algae (Scenedesmus subspicatus) |                  | BL dodavatel e |
| EC <sub>0</sub>  |          | ≥800 mg/l   | 3 hours       | Microorganisms                  | Activated sludge | BL dodavatel e |

| Dibutyltin dilaurate |        |          |               |                                             |             |        |
|----------------------|--------|----------|---------------|---------------------------------------------|-------------|--------|
| Parameter            | Method | Value    | Exposure time | Species                                     | Environment | Source |
| EC <sub>50</sub>     |        | 463 µg/l | 48 hours      | Aquatic invertebrates                       |             | ECHA   |
| EC <sub>50</sub>     |        | 1 mg/l   | 72 hours      | Algae and other aquatic plants              |             | ECHA   |
| EC <sub>50</sub>     |        | 1 g/l    | 3 hours       | Microorganisms (Photobacterium phosphoreum) |             | ECHA   |

| diiron trioxide  |        |            |               |                       |             |                |
|------------------|--------|------------|---------------|-----------------------|-------------|----------------|
| Parameter        | Method | Value      | Exposure time | Species               | Environment | Source         |
| LC <sub>50</sub> |        | >1000 mg/l | 48 hours      | Fish (Leuciscus idus) |             | BL dodavatel e |

| ethylbenzene     |        |              |               |                                             |             |        |
|------------------|--------|--------------|---------------|---------------------------------------------|-------------|--------|
| Parameter        | Method | Value        | Exposure time | Species                                     | Environment | Source |
| LC <sub>50</sub> |        | 4.2-5.1 mg/l | 96 hours      | Fish (Oncorhynchus mykiss)                  |             | echa   |
| EC <sub>50</sub> |        | 1.8-2.4 mg/l | 48 hours      | Aquatic invertebrates                       |             | echa   |
| EC <sub>50</sub> |        | 3.6-7.7 mg/l | 96 hours      | Algae and other aquatic plants              |             | echa   |
| EC <sub>50</sub> |        | 96 mg/l      | 24 hours      | Microorganisms (Photobacterium phosphoreum) |             | echa   |

| hydrocarbons, C10-C13, n-alanes, isolakanes, cyclics, <2% aromatics |        |           |               |                            |             |                |
|---------------------------------------------------------------------|--------|-----------|---------------|----------------------------|-------------|----------------|
| Parameter                                                           | Method | Value     | Exposure time | Species                    | Environment | Source         |
| LL o                                                                |        | 1000 mg/l | 96 hours      | Fish (Oncorhynchus mykiss) |             | BL dodavatel e |
| EL o                                                                |        | 1000 mg/l | 48 hours      | Daphnia (Daphnia magna)    |             | BL dodavatel e |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

Creation date  
Revision date

08th July 2024  
02nd February 2025

Version

2.0

### hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics

| Parameter        | Method | Value     | Exposure time | Species                                 | Environment | Source       |
|------------------|--------|-----------|---------------|-----------------------------------------|-------------|--------------|
| EL <sub>50</sub> |        | 1000 mg/l | 72 hours      | Algae (Pseudokirchneriella subcapitata) |             | BL dodavatel |

### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics

| Parameter        | Method | Value      | Exposure time | Species                                   | Environment | Source       |
|------------------|--------|------------|---------------|-------------------------------------------|-------------|--------------|
| EL <sub>50</sub> |        | >1000 mg/l | 72 hours      | Algae (Pseudokirchneriella subcapitata)   |             | BL dodavatel |
| EL <sub>50</sub> |        | 1000 mg/l  | 48 hours      | Daphnia (Daphnia magna (Hrotnatka velká)) |             | BL dodavatel |
| LL <sub>50</sub> |        | >1000 mg/l | 96 hours      | Fish (Oncorhynchus mykiss)                |             | BL dodavatel |
| NOELR            |        | 100 mg/l   | 72 hours      | Algae (Pseudokirchneriella subcapitata)   |             | BL dodavatel |

### Iron hydroxide oxide yellow

| Parameter        | Method   | Value         | Exposure time | Species                           | Environment | Source       |
|------------------|----------|---------------|---------------|-----------------------------------|-------------|--------------|
| EC <sub>50</sub> |          | >10000 mg/l   | 3 hours       | Bacteria (Salmonella typhimurium) | Fresh water | BL dodavatel |
| EC <sub>50</sub> | OECD 202 | >100 mg/l     | 48 hours      | Daphnia (Daphnia magna)           | Fresh water | BL dodavatel |
| LC <sub>0</sub>  | OECD 203 | >1000000 mg/l | 96 hours      | Fish (Oncorhynchus mykiss)        | Fresh water | BL dodavatel |

### m-tolylidene diisocyanate

| Parameter         | Method   | Value     | Exposure time | Species                           | Environment | Source       |
|-------------------|----------|-----------|---------------|-----------------------------------|-------------|--------------|
| LC <sub>50</sub>  | OECD 203 | 133 mg/l  | 96 hours      | Fish (Oncorhynchus mykiss)        |             | BL dodavatel |
| EC <sub>50</sub>  | OECD 202 | 12.5 mg/l | 48 hours      | Daphnia (Daphnia magna)           |             | BL dodavatel |
| NOEC              |          | 1.1 mg/l  | 21 days       | Daphnia (Daphnia magna)           |             | BL dodavatel |
| ErC <sub>50</sub> | OECD 201 | 4300 mg/l | 96 hours      | Algae (Selenastrum capricornutum) |             | BL dodavatel |
| ErC <sub>50</sub> | OECD 201 | 3230 mg/l | 96 hours      | Algae (Selenastrum capricornutum) |             | BL dodavatel |
| EC <sub>50</sub>  | OECD 209 | >100 mg/l | 3 hours       | Bacteria (Salmonella typhimurium) |             | BL dodavatel |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

Creation date

08th July 2024

Revision date

02nd February 2025

Version

2.0

### m-tolylidene diisocyanate

| Parameter | Method   | Value       | Exposure time | Species                                     | Environment | Source         |
|-----------|----------|-------------|---------------|---------------------------------------------|-------------|----------------|
| NOEC      | OECD 207 | >1000 mg/kg | 14 days       | Microorganisms (Photobacterium phosphoreum) |             | BL dodavatel e |
| NOEC      | OECD 208 | >1000 mg/kg | 14 days       | Higher plants                               |             | BL dodavatel e |

### n-butyl acetate

| Parameter        | Method   | Value       | Exposure time | Species                                                          | Environment | Source         |
|------------------|----------|-------------|---------------|------------------------------------------------------------------|-------------|----------------|
| LC <sub>50</sub> |          | 18 mg/l     | 96 hours      | Fish (Pimephales promelas)                                       |             | BL dodavatel e |
| EC <sub>50</sub> |          | 44 mg/l     | 48 hours      | Aquatic invertebrates (Daphnia sp.)                              |             | BL dodavatel e |
| EC <sub>50</sub> |          | 397 mg/l    | 72 hours      | Algae and other aquatic plants (Pseudokirchneriella subcapitata) |             | BL dodavatel e |
| EC <sub>50</sub> |          | 356 mg/l    | 40 hours      | Microorganisms (Tetrahymena pyriformis)                          |             | BL dodavatel e |
| EC <sub>50</sub> | OECD 208 | >1000 mg/kg | 14 days       | Algae (Selenastrum capricornutum)                                |             | BL dodavatel e |

### naphthalene

| Parameter        | Method | Value     | Exposure time | Species                                 | Environment | Source         |
|------------------|--------|-----------|---------------|-----------------------------------------|-------------|----------------|
| LC <sub>50</sub> |        | 1.6 mg/l  | 96 hours      | Fish (Oncorhynchus mykiss)              |             | BL dodavatel e |
| LC <sub>50</sub> |        | 6.08 mg/l | 96 hours      | Fish (Pimephales promelas)              |             | BL dodavatel e |
| EC <sub>50</sub> |        | 4.7 mg/l  | 48 hours      | Daphnia (Daphnia magna)                 |             | BL dodavatel e |
| EC <sub>50</sub> |        | 2.96 mg/l | 4 hours       | Algae (Pseudokirchneriella subcapitata) |             | BL dodavatel e |
| EC <sub>10</sub> |        | >20 mg/l  | 18 hours      | Bacteria (Pseudomonas putida)           |             | BL dodavatel e |

### neodecanoic acid, cobalt salt

| Parameter        | Method | Value     | Exposure time | Species                                               | Environment | Source         |
|------------------|--------|-----------|---------------|-------------------------------------------------------|-------------|----------------|
| LC <sub>50</sub> |        | 85.3 mg/l | 96 hours      | Fish (Danio rerio)                                    | Fresh water | BL dodavatel e |
| LC <sub>50</sub> |        | 429 mg/l  | 96 hours      | Aquatic invertebrates (Chironomus sp. (Rod pakomáři)) | Fresh water | BL dodavatel e |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

Creation date  
Revision date

08th July 2024  
02nd February 2025

Version

2.0

### neodecanoic acid, cobalt salt

| Parameter        | Method   | Value     | Exposure time | Species                                                        | Environment      | Source         |
|------------------|----------|-----------|---------------|----------------------------------------------------------------|------------------|----------------|
| EC <sub>50</sub> |          | 71.3 mg/l | 96 hours      | Algae and other aquatic plants (Dunaliella tertiolecta (Řasa)) | Salt water       | BL dodavatel e |
| EC <sub>10</sub> | OECD 209 | 3.73 mg/l | 30 minutes    | Microorganisms (Photobacterium phosphoreum)                    | Activated sludge | BL dodavatel e |

### phthalic anhydride

| Parameter        | Method | Value    | Exposure time | Species                                     | Environment | Source |
|------------------|--------|----------|---------------|---------------------------------------------|-------------|--------|
| LC <sub>50</sub> |        | 560 mg/l | 1 week        | Fish (Oncorhynchus mykiss)                  |             | ECHA   |
| EC <sub>50</sub> |        | 640 mg/l | 48 hours      | Aquatic invertebrates                       |             | ECHA   |
| NOEC             |        | 100 mg/l | 72 hours      | Algae and other aquatic plants              |             | ECHA   |
| EC <sub>50</sub> |        | 213 mg/l | 16 hours      | Microorganisms (Photobacterium phosphoreum) |             | ECHA   |

### reaction mass of ethylbenzene and m-xylene and p-xylene

| Parameter        | Method | Value    | Exposure time | Species                                     | Environment | Source |
|------------------|--------|----------|---------------|---------------------------------------------|-------------|--------|
| EC <sub>50</sub> |        | 96 mg/l  | 24 hours      | Microorganisms (Photobacterium phosphoreum) |             | ECHA   |
| EC <sub>50</sub> |        | 2.2 mg/l | 73 hours      | Algae (Selenastrum capricornutum)           |             | ECHA   |
| IC <sub>50</sub> |        | 1 mg/l   | 24 hours      | Aquatic invertebrates                       |             | ECHA   |
| LC <sub>50</sub> |        | 2.6 mg/l | 4 days        | Fish (Oncorhynchus mykiss)                  |             | ECHA   |

### Technical xylene (mixed with ethylbenzene)

| Parameter        | Method | Value    | Exposure time | Species                                     | Environment | Source |
|------------------|--------|----------|---------------|---------------------------------------------|-------------|--------|
| EC <sub>50</sub> |        | 96 mg/l  | 24 hours      | Microorganisms (Photobacterium phosphoreum) |             | ECHA   |
| EC <sub>50</sub> |        | 2.2 mg/l | 73 hours      | Algae (Selenastrum capricornutum)           |             | ECHA   |
| IC <sub>50</sub> |        | 1 mg/l   | 24 hours      | Aquatic invertebrates                       |             | ECHA   |
| LC <sub>50</sub> |        | 2.6 mg/l | 4 days        | Fish (Oncorhynchus mykiss)                  |             | ECHA   |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

Creation date  
Revision date

08th July 2024  
02nd February 2025

Version

2.0

### titanium dioxide

| Parameter        | Method   | Value      | Exposure time | Species                    | Environment | Source         |
|------------------|----------|------------|---------------|----------------------------|-------------|----------------|
| LC <sub>50</sub> |          | >100 mg/l  | 96 hours      | Fish (Oncorhynchus mykiss) | Fresh water | BL dodavatel e |
| LC <sub>50</sub> |          | >1000 mg/l | 96 hours      | Fish (Pimephales promelas) | Fresh water | BL dodavatel e |
| LC <sub>50</sub> | OECD 202 | >100 mg/l  | 48 hours      | Daphnia (Daphnia magna)    | Fresh water | BL dodavatel e |

### toluene

| Parameter        | Method | Value     | Exposure time | Species                                     | Environment | Source         |
|------------------|--------|-----------|---------------|---------------------------------------------|-------------|----------------|
| LC <sub>50</sub> |        | 5.5 mg/l  | 96 hours      | Fish (Oncorhynchus mykiss)                  |             | BL dodavatel e |
| EC <sub>50</sub> |        | 3.78 mg/l | 48 hours      | Invertebrates                               | Fresh water | BL dodavatel e |
| EC <sub>50</sub> |        | 134 mg/l  | 3 hours       | Algae (Chlorella vulgaris)                  | Fresh water | BL dodavatel e |
| EC <sub>50</sub> |        | 84 mg/l   | 24 hours      | Microorganisms (Photobacterium phosphoreum) |             | BL dodavatel e |

### Chronic toxicity

#### (2-methoxymethylethoxy)propanol

| Parameter | Method | Value     | Exposure time | Species                 | Environment | Source         |
|-----------|--------|-----------|---------------|-------------------------|-------------|----------------|
| NOEC      |        | >0.5 mg/l | 22 days       | Daphnia (Daphnia magna) |             | BL dodavatel e |
| LOEC      |        | >0.5 mg/l | 22 days       | Daphnia (Daphnia magna) |             | BL dodavatel e |

#### 2-methoxy-1-methylethyl acetate

| Parameter        | Method | Value     | Exposure time | Species                    | Environment | Source |
|------------------|--------|-----------|---------------|----------------------------|-------------|--------|
| LC <sub>50</sub> |        | 63.5 mg/l | 14 days       | Fish (Oncorhynchus mykiss) |             | echa   |

#### n-butyl acetate

| Parameter | Method   | Value   | Exposure time | Species                 | Environment | Source         |
|-----------|----------|---------|---------------|-------------------------|-------------|----------------|
| NOEC      | OECD 211 | 23 mg/l | 21 days       | Daphnia (Daphnia magna) |             | BL dodavatel e |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

|               |                    |         |     |
|---------------|--------------------|---------|-----|
| Creation date | 08th July 2024     | Version | 2.0 |
| Revision date | 02nd February 2025 |         |     |

| neodecanoic acid, cobalt salt |          |            |               |                                                        |             |                |
|-------------------------------|----------|------------|---------------|--------------------------------------------------------|-------------|----------------|
| Parameter                     | Method   | Value      | Exposure time | Species                                                | Environment | Source         |
| NOEC                          |          | 31802 µg/l |               | Fish (Cyprinodon variegatus (halančíkovec diamantový)) | Salt water  | BL dodavatel e |
| NOEC                          |          | 351.4 µg/l | 96 hours      | Fish (Pimephales promelas (střevle))                   | Fresh water | BL dodavatel e |
| EC <sub>10</sub>              | OECD 211 | 7.55 µg/l  |               | Aquatic invertebrates (Hyalella azteca (Růžnonožci))   |             | BL dodavatel e |

| reaction mass of ethylbenzene and m-xylene and p-xylene |        |          |               |                            |             |        |
|---------------------------------------------------------|--------|----------|---------------|----------------------------|-------------|--------|
| Parameter                                               | Method | Value    | Exposure time | Species                    | Environment | Source |
| NOEC                                                    |        | 960 µg/l |               | Aquatic invertebrates      |             | ECHA   |
| NOEC                                                    |        | 1.3 mg/l | 56 days       | Fish (Oncorhynchus mykiss) |             | ECHA   |

| Technical xylene (mixed with ethylbenzene) |        |          |               |                            |             |        |
|--------------------------------------------|--------|----------|---------------|----------------------------|-------------|--------|
| Parameter                                  | Method | Value    | Exposure time | Species                    | Environment | Source |
| NOEC                                       |        | 960 µg/l |               | Aquatic invertebrates      |             | ECHA   |
| NOEC                                       |        | 1.3 mg/l | 56 days       | Fish (Oncorhynchus mykiss) |             | ECHA   |

| toluene   |        |           |               |                            |             |                |
|-----------|--------|-----------|---------------|----------------------------|-------------|----------------|
| Parameter | Method | Value     | Exposure time | Species                    | Environment | Source         |
| NOEC      |        | 1.4 mg/l  | 40 days       | Fish (Pimephales promelas) |             | BL dodavatel e |
| NOEC      |        | 0.74 mg/l | 7 days        | Invertebrates              | Fresh water | BL dodavatel e |
| NOEC      |        | 10 mg/l   |               | Algae                      | Fresh water | BL dodavatel e |

### 12.2. Persistence and degradability

Data for the mixture are not available.

#### Biodegradability

| (2-methoxymethylethoxy)propanol |           |       |               |             |                      |                |
|---------------------------------|-----------|-------|---------------|-------------|----------------------|----------------|
| Parameter                       | Method    | Value | Exposure time | Environment | Result               | Source         |
|                                 | OECD 301F | 75 %  | 28 days       |             | Easily biodegradable | BL dodavatel e |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

Creation date 08th July 2024  
Revision date 02nd February 2025 Version 2.0

### hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics

| Parameter         | Method    | Value | Exposure time | Environment | Result               | Source         |
|-------------------|-----------|-------|---------------|-------------|----------------------|----------------|
| Degradovaný podíl | OECD 301F | 80 %  | 28 days       | Fresh water | Easily biodegradable | BL dodavatel e |

### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics

| Parameter | Method | Value | Exposure time | Environment | Result               | Source         |
|-----------|--------|-------|---------------|-------------|----------------------|----------------|
|           |        | 80 %  | 28 days       |             | Easily biodegradable | BL dodavatel e |

### m-tolylidene diisocyanate

| Parameter | Method    | Value | Exposure time | Environment | Result            | Source         |
|-----------|-----------|-------|---------------|-------------|-------------------|----------------|
|           | OECD 302C | 0 %   | 28 days       |             | Not biodegradable | BL dodavatel e |

### 12.3. Bioaccumulative potential

Data for the mixture are not available.

### (2-methoxymethylethoxy)propanol

| Parameter | Method   | Value | Exposure time | Species | Environment | Temperature [°C] | Source         |
|-----------|----------|-------|---------------|---------|-------------|------------------|----------------|
| Log Pow   | OECD 107 | 0.006 |               |         |             | 25°C             | BL dodavatel e |

### m-tolylidene diisocyanate

| Parameter | Method | Value | Exposure time | Species | Environment | Temperature [°C] | Source         |
|-----------|--------|-------|---------------|---------|-------------|------------------|----------------|
| Log Pow   |        | 3.43  |               |         |             | 22°C             | BL dodavatel e |

### neodecanoic acid, cobalt salt

| Parameter | Method | Value    | Exposure time | Species | Environment | Temperature [°C] | Source         |
|-----------|--------|----------|---------------|---------|-------------|------------------|----------------|
| BCF       |        | 180-4000 |               |         |             |                  | BL dodavatel e |

### 12.4. Mobility in soil

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any PMT or vPvM components.

### 12.5. Results of PBT and vPvB assessment

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any PBT or vPvB components.

### 12.6. Endocrine disrupting properties

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any components that may cause endocrine disruption in the environment.

### 12.7. Other adverse effects

Not available.

## SECTION 13: Disposal considerations

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFI LAZURA

|               |                    |         |     |
|---------------|--------------------|---------|-----|
| Creation date | 08th July 2024     | Version | 2.0 |
| Revision date | 02nd February 2025 |         |     |

### 13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

#### Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

#### Waste type code

08 01 11\* waste paint and varnish containing organic solvents or other hazardous substances

#### Packaging waste type code

15 01 10\* packaging containing residues of or contaminated by hazardous substances

(\*) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

## SECTION 14: Transport information

### 14.1. UN number or ID number

UN 1263

### 14.2. UN proper shipping name

PAINT

### 14.3. Transport hazard class(es)

3 Flammable liquids

### 14.4. Packing group

III

### 14.5. Environmental hazards

No.

### 14.6. Special precautions for user

Reference in the Sections 4 to 8.

### 14.7. Maritime transport in bulk according to IMO instruments

not relevant

#### Additional information

Hazard identification No.

30

UN number

1263

Classification code

F1

Safety signs

3



# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFI LAZURA

|               |                    |         |     |
|---------------|--------------------|---------|-----|
| Creation date | 08th July 2024     | Version | 2.0 |
| Revision date | 02nd February 2025 |         |     |

### Road transport - ADR

|                     |               |
|---------------------|---------------|
| Special provisions  | 163, 367, 650 |
| Limited quantities  | 5 L           |
| Excepted quantities | E1            |

### Packaging

|                            |                         |
|----------------------------|-------------------------|
| Packing instructions       | P001, IBC03, LP01, R001 |
| Special packing provisions | PP1                     |
| Mixed packing provisions   | MP19                    |

### Portable tanks and bulk containers

|                    |           |
|--------------------|-----------|
| Guidelines         | T2        |
| Special provisions | TP1, TP29 |

### ADR tank

|                            |       |
|----------------------------|-------|
| Tank code                  | LGBF  |
| Vehicles for tank carriage | FL    |
| Transport category         | 3     |
| Tunnel restriction code    | (D/E) |

### Special provision for

|           |     |
|-----------|-----|
| packages  | V12 |
| operation | S2  |

### Railway transport - RID

|                    |               |
|--------------------|---------------|
| Special provisions | 163, 367, 650 |
|--------------------|---------------|

### Packaging

|                            |                         |
|----------------------------|-------------------------|
| Packing instructions       | P001, IBC03, LP01, R001 |
| Special packing provisions | PP1                     |
| Mixed packing provisions   | MP19                    |

### Portable tanks and bulk containers

|                    |           |
|--------------------|-----------|
| Guidelines         | T2        |
| Special provisions | TP1, TP29 |

### RID Tanks

|                    |      |
|--------------------|------|
| Tank code          | LGBF |
| Transport category | 3    |

### Special provision for

|          |     |
|----------|-----|
| packages | W12 |
|----------|-----|

### Air transport - ICAO/IATA

|                                           |      |
|-------------------------------------------|------|
| Packaging instructions for limited amount | Y344 |
| Packaging instructions passenger          | 355  |
| Cargo packaging instructions              | 366  |

### Marine transport - IMDG

|                      |          |
|----------------------|----------|
| EmS (emergency plan) | F-E, S-E |
| MFAG                 | 310      |

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

Creation date 08th July 2024  
Revision date 02nd February 2025 Version 2.0

### Restrictions pursuant to Annex XVII of Regulation (EC) No. 1907/2006 (REACH), as amended

Dibutyltin dilaurate

| Restriction | Conditions of restriction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 30          | <p>1. Shall not be placed on the market, or used,</p> <ul style="list-style-type: none"><li>— as substances,</li><li>— as constituents of other substances, or,</li><li>— in mixtures, for supply to the general public when the individual concentration in the substance or mixture is equal to or greater than:</li><li>— either the relevant specific concentration limit specified in Part 3 of Annex VI to Regulation (EC) No 1272/2008, or,</li><li>— the relevant generic concentration limit specified in Part 3 of Annex I of Regulation (EC) No 1272/2008.</li></ul> <p>Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that the packaging of such substances and mixtures is marked visibly, legibly and indelibly as follows:</p> <p>“Restricted to professional users”.</p> <p>2. By way of derogation, paragraph 1 shall not apply to:</p> <ul style="list-style-type: none"><li>(a) medicinal or veterinary products as defined by Directive 2001/82/EC and Directive 2001/83/EC;</li><li>(b) cosmetic products as defined by Directive 76/768/EEC;</li><li>(c) the following fuels and oil products:<ul style="list-style-type: none"><li>— motor fuels which are covered by Directive 98/70/EC,</li><li>— mineral oil products intended for use as fuel in mobile or fixed combustion plants,</li><li>— fuels sold in closed systems (e.g. liquid gas bottles);</li></ul></li><li>(d) artists' paints covered by Regulation (EC) No 1272/2008;</li><li>(e) the substances listed in Appendix 11, column 1, for the applications or uses listed in Appendix 11, column 2. Where a date is specified in column 2 of Appendix 11, the derogation shall apply until the said date.</li><li>(f) devices covered by Regulation (EU) 2017/745.</li></ul> |

m-tolylidene diisocyanate

| Restriction | Conditions of restriction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 74          | <p>1. Shall not be used as substances on their own, as a constituent in other substances or in mixtures for industrial and professional use(s) after 24 August 2023, unless:</p> <ul style="list-style-type: none"><li>(a) the concentration of diisocyanates individually and in combination is less than 0,1 % by weight, or</li><li>(b) the employer or self-employed ensures that industrial or professional user(s) have successfully completed training on the safe use of diisocyanates prior to the use of the substance(s) or mixture (s).</li></ul> <p>2. Shall not be placed on the market as substances on their own, as a constituent in other substances or in mixtures for industrial and professional use(s) after 24 February 2022, unless:</p> <ul style="list-style-type: none"><li>(a) the concentration of diisocyanates individually and in combination is less than 0,1 % by weight, or</li><li>(b) the supplier ensures that the recipient of the substance(s) or mixture(s) is provided with information on the requirements referred to in point (b) of paragraph 1 and the following statement is placed on the packaging, in a manner that is visibly distinct from the rest of the label information: “As from 24 August 2023 adequate training is required before industrial or professional use”.</li></ul> <p>3. For the purpose of this entry “industrial and professional user(s)” means any worker or self-employed worker handling diisocyanates on their own, as a constituent in other substances or in mixtures for industrial and professional use(s) or supervising these tasks.</p> <p>4. The training referred to in point (b) of paragraph 1 shall include the instructions for the control of dermal and inhalation exposure to diisocyanates at the workplace without prejudice to any national occupational exposure limit value or other appropriate risk management measures at national level. Such training shall be conducted by an expert on occupational safety and health with competence acquired by relevant vocational training. That training shall cover as a minimum:</p> <ul style="list-style-type: none"><li>(a) the training elements in point (a) of paragraph 5 for all industrial and professional use(s).</li><li>(b) the training elements in points (a) and (b) of paragraph 5 for the following uses:<ul style="list-style-type: none"><li>— handling open mixtures at ambient temperature (including foam tunnels);</li><li>— spraying in a ventilated booth;</li><li>— application by roller;</li></ul></li></ul> |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFÍ LAZURA

Creation date 08th July 2024  
Revision date 02nd February 2025 Version 2.0

m-tolyldene diisocyanate

| Restriction | Conditions of restriction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|             | <ul style="list-style-type: none"> <li>— application by brush;</li> <li>— application by dipping and pouring;</li> <li>— mechanical post treatment (e.g. cutting) of not fully cured articles which are not warm anymore;</li> <li>— cleaning and waste;</li> <li>— any other uses with similar exposure through the dermal and/or inhalation route;</li> </ul> <p>(c) the training elements in points (a), (b) and (c) of paragraph 5 for the following uses:</p> <ul style="list-style-type: none"> <li>— handling incompletely cured articles (e.g. freshly cured, still warm);</li> <li>— foundry applications;</li> <li>— maintenance and repair that needs access to equipment;</li> <li>— open handling of warm or hot formulations (&gt; 45 °C);</li> <li>— spraying in open air, with limited or only natural ventilation (includes large industry working halls) and spraying with high energy (e.g. foams, elastomers);</li> <li>— and any other uses with similar exposure through the dermal and/or inhalation route.</li> </ul> <p>5. Training elements:</p> <p>(a) general training, including on-line training, on:</p> <ul style="list-style-type: none"> <li>— chemistry of diisocyanates;</li> <li>— toxicity hazards (including acute toxicity);</li> <li>— exposure to diisocyanates;</li> <li>— occupational exposure limit values;</li> <li>— how sensitisation can develop;</li> <li>— odour as indication of hazard;</li> <li>— importance of volatility for risk;</li> <li>— viscosity, temperature, and molecular weight of diisocyanates;</li> <li>— personal hygiene;</li> <li>— personal protective equipment needed, including practical instructions for its correct use and its limitations;</li> <li>— risk of dermal contact and inhalation exposure;</li> <li>— risk in relation to application process used;</li> <li>— skin and inhalation protection scheme;</li> <li>— ventilation;</li> <li>— cleaning, leakages, maintenance;</li> <li>— discarding empty packaging;</li> <li>— protection of bystanders;</li> <li>— identification of critical handling stages;</li> <li>— specific national code systems (if applicable);</li> <li>— behaviour-based safety;</li> <li>— certification or documented proof that training has been successfully completed</li> </ul> <p>(b) intermediate level training, including on-line training, on:</p> <ul style="list-style-type: none"> <li>— additional behaviour-based aspects;</li> <li>— maintenance;</li> <li>— management of change;</li> <li>— evaluation of existing safety instructions;</li> <li>— risk in relation to application process used;</li> <li>— certification or documented proof that training has been successfully completed</li> </ul> <p>(c) advanced training, including on-line training, on:</p> <ul style="list-style-type: none"> <li>— any additional certification needed for the specific uses covered;</li> <li>— spraying outside a spraying booth;</li> <li>— open handling of hot or warm formulations (&gt; 45 °C);</li> <li>— certification or documented proof that training has been successfully completed</li> </ul> <p>6. The training shall comply with the provisions set by the Member State in which the industrial or professional user(s) operate. Member States may implement or continue to apply their own national requirements for the use of the substance(s) or mixture(s), as long as the minimum requirements set out in paragraphs 4 and 5 are met.</p> <p>7. The supplier referred to in point (b) of paragraph 2 shall ensure that the recipient is provided with training material and courses pursuant to paragraphs 4 and 5 in the official language(s) of the Member State(s) where the substance(s) or mixture(s) are supplied. The training shall take into consideration the specificity of the products supplied, including composition, packaging, and design.</p> <p>8. The employer or self-employed shall document the successful completion of the training referred to in paragraphs 4 and 5. The training shall be renewed at least every five years.</p> <p>9. Member States shall include in their reports pursuant to Article 117(1) the following information:</p> <p>(a) any established training requirements and other risk management measures related to the</p> |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFI LAZURA

Creation date 08th July 2024  
Revision date 02nd February 2025 Version 2.0

m-tolyldiene diisocyanate

| Restriction | Conditions of restriction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|             | industrial and professional uses of diisocyanates foreseen in national law;<br>(b) the number of cases of reported and recognised occupational asthma and occupational respiratory and dermal diseases in relation to diisocyanates;<br>(c) national exposure limits for diisocyanates, if there are any;<br>(d) information about enforcement activities related to this restriction.<br>10. This restriction shall apply without prejudice to other Union legislation on the protection of safety and health of workers at the workplace. |

toluene

| Restriction | Conditions of restriction                                                                                                                                                                                                                            |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 48          | Shall not be placed on the market, or used, as a substance or in mixtures in a concentration equal to or greater than 0,1 % by weight where the substance or mixture is used in adhesives or spray paints intended for supply to the general public. |

### 15.2. Chemical safety assessment

A chemical safety assessment has not been carried out (mixture).

## SECTION 16: Other information

### A list of standard risk phrases used in the safety data sheet

|           |                                                                                        |
|-----------|----------------------------------------------------------------------------------------|
| EUH066    | Repeated exposure may cause skin dryness or cracking.                                  |
| EUH204    | Contains isocyanates. May produce an allergic reaction.                                |
| EUH208    | Contains neodecanoic acid, cobalt salt. May produce an allergic reaction.              |
| H225      | Highly flammable liquid and vapour.                                                    |
| H226      | Flammable liquid and vapour.                                                           |
| H302      | Harmful if swallowed.                                                                  |
| H304      | May be fatal if swallowed and enters airways.                                          |
| H312+H332 | Harmful in contact with skin or if inhaled.                                            |
| H314      | Causes severe skin burns and eye damage.                                               |
| H315      | Causes skin irritation.                                                                |
| H317      | May cause an allergic skin reaction.                                                   |
| H318      | Causes serious eye damage.                                                             |
| H319      | Causes serious eye irritation.                                                         |
| H330      | Fatal if inhaled.                                                                      |
| H332      | Harmful if inhaled.                                                                    |
| H334      | May cause allergy or asthma symptoms or breathing difficulties if inhaled.             |
| H335      | May cause respiratory irritation.                                                      |
| H336      | May cause drowsiness or dizziness.                                                     |
| H341      | Suspected of causing genetic defects.                                                  |
| H351      | Suspected of causing cancer.                                                           |
| H360FD    | May damage fertility. May damage the unborn child.                                     |
| H361d     | Suspected of damaging the unborn child.                                                |
| H370      | Causes damage to organs.                                                               |
| H372      | Causes damage to the gastrointestinal tract through prolonged or repeated exposure.    |
| H372      | Causes damage to organs through prolonged or repeated exposure.                        |
| H373      | May cause damage to hearing organs through prolonged or repeated exposure.             |
| H373      | May cause damage to the central nervous system through prolonged or repeated exposure. |
| H373      | May cause damage to organs through prolonged or repeated exposure.                     |
| H400      | Very toxic to aquatic life.                                                            |
| H410      | Very toxic to aquatic life with long lasting effects.                                  |
| H412      | Harmful to aquatic life with long lasting effects.                                     |

### Guidelines for safe handling used in the safety data sheet

|      |                                                                       |
|------|-----------------------------------------------------------------------|
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children.                                        |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFI LAZURA

|               |                    |         |     |
|---------------|--------------------|---------|-----|
| Creation date | 08th July 2024     | Version | 2.0 |
| Revision date | 02nd February 2025 |         |     |

|           |                                                                                                                                              |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------|
| P103      | Read label before use.                                                                                                                       |
| P210      | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.                                               |
| P261      | Avoid breathing vapours/aerosols.                                                                                                            |
| P271      | Use only outdoors or in a well-ventilated area.                                                                                              |
| P280      | Wear protective gloves/protective clothing/eye protection/face protection.                                                                   |
| P370+P378 | In case of fire: Use foam (alcohol resistant), carbon dioxide, a spray mist, powder to extinguish.                                           |
| P403+P235 | Store in a well-ventilated place. Keep cool.                                                                                                 |
| P405      | Store locked up.                                                                                                                             |
| P501      | Dispose of contents/container to by handing it over to a person authorized to dispose of waste or to a place designated by the municipality. |

### Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

### Key to abbreviations and acronyms used in the safety data sheet

|                  |                                                                                                   |
|------------------|---------------------------------------------------------------------------------------------------|
| Acute Tox.       | Acute toxicity                                                                                    |
| ADR              | European agreement concerning the international carriage of dangerous goods by road               |
| Aquatic Acute    | Hazardous to the aquatic environment                                                              |
| Aquatic Chronic  | Hazardous to the aquatic environment (chronic)                                                    |
| Asp. Tox.        | Aspiration hazard                                                                                 |
| BCF              | Bioconcentration Factor                                                                           |
| Carc.            | Carcinogenicity                                                                                   |
| CAS              | Chemical Abstracts Service                                                                        |
| CLP              | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures |
| EC               | Identification code for each substance listed in EINECS                                           |
| EC <sub>0</sub>  | Concentration of a substance when it is affected 0 % of the population                            |
| EC <sub>10</sub> | Concentration of a substance when it is affected 10 % of the population                           |
| EC <sub>50</sub> | Concentration of a substance when it is affected 50 % of the population                           |
| EINECS           | European Inventory of Existing Commercial Chemical Substances                                     |
| EL <sub>0</sub>  | Effective Loading for 0 % of the tested organisms                                                 |
| EL <sub>50</sub> | Effective Loading for 50 % of the tested organisms                                                |
| EmS              | Emergency plan                                                                                    |
| EU               | European Union                                                                                    |
| EuPCS            | European Product Categorisation System                                                            |
| Eye Dam.         | Serious eye damage                                                                                |
| Eye Irrit.       | Eye irritation                                                                                    |
| Flam. Liq.       | Flammable liquid                                                                                  |
| IATA             | International Air Transport Association                                                           |
| IBC              | International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals       |
| IC <sub>50</sub> | Concentration causing 50% blockade                                                                |
| ICAO             | International Civil Aviation Organization                                                         |
| IMDG             | International Maritime Dangerous Goods                                                            |
| IMO              | International Maritime Organization                                                               |
| INCI             | International Nomenclature of Cosmetic Ingredients                                                |
| ISO              | International Organization for Standardization                                                    |
| IUPAC            | International Union of Pure and Applied Chemistry                                                 |
| LC <sub>0</sub>  | Lethal concentration of a substance in which it can be expected death of 0% of the population     |
| LC <sub>50</sub> | Lethal concentration of a substance in which it can be expected death of 50% of the population    |
| LD <sub>50</sub> | Lethal dose of a substance in which it can be expected death of 50% of the population             |
| LL <sub>0</sub>  | Lethal Loading for 0 % of tested organisms                                                        |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## S1025 Synthetic semi-matt thick layer non-flowing glaze PROFI LAZURA

|               |                    |         |     |
|---------------|--------------------|---------|-----|
| Creation date | 08th July 2024     | Version | 2.0 |
| Revision date | 02nd February 2025 |         |     |

|                     |                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------|
| LL <sub>50</sub>    | Lethal Loading for 50 % of tested organisms                                                       |
| LOAEL               | Lowest observed adverse effect level                                                              |
| log K <sub>ow</sub> | Octanol-water partition coefficient                                                               |
| Muta.               | Germ cell mutagenicity                                                                            |
| NOAEC               | No observed adverse effect concentration                                                          |
| NOAEL               | No observed adverse effect level                                                                  |
| NOEC                | No observed effect concentration                                                                  |
| NOEL                | No observed effect level                                                                          |
| NOELR               | No Observed Effect Loading Rate                                                                   |
| OEL                 | Occupational Exposure Limits                                                                      |
| PBT                 | Persistent, bioaccumulative and toxic                                                             |
| PMT                 | Persistent, mobile and toxic                                                                      |
| ppm                 | Parts per million                                                                                 |
| REACH               | Registration, Evaluation, Authorisation and Restriction of Chemicals                              |
| Repr.               | Reproductive toxicity                                                                             |
| Resp. Sens.         | Respiratory sensitization                                                                         |
| RID                 | Agreement on the transport of dangerous goods by rail                                             |
| Skin Corr.          | Skin corrosion                                                                                    |
| Skin Irrit.         | Skin irritation                                                                                   |
| Skin Sens.          | Skin sensitization                                                                                |
| STOT RE             | Specific target organ toxicity - repeated exposure                                                |
| STOT SE             | Specific target organ toxicity - single exposure                                                  |
| UN                  | Four-figure identification number of the substance or article taken from the UN Model Regulations |
| UVCB                | Substances of unknown or variable composition, complex reaction products or biological materials  |
| VOC                 | Volatile organic compounds                                                                        |
| vPvB                | Very persistent and very bioaccumulative                                                          |
| vPvM                | Very persistent and very mobile                                                                   |

### Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

### Recommended restrictions of use

not available

### Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.  
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

### The changes (which information has been added, deleted or modified)

The version 2.0 replaces the SDS version from Friday, 8 July 2024. Changes were made in sections 2, 7, 9, 11, 12, 13 and 16.

### More information

Classification procedure - calculation method.

### Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.

Příloha bezpečnostního listu pro výrobek: Rozpouštědlová nátěrová hmota

### 1. Expoziční scénář: Průmyslové použití

Sektor použití : SU3  
 Kategorie chemických výrobků : PC9a  
 Dílčí procesy kryté expozičním scénářem : PROC1, PROC2, PROC3, PROC4, PROC5, PROC7, PROC8a, PROC10, PROC13, PROC 15  
 Uvolňování výrobku do životního prostředí : ERC4

### Základní podmínky omezující riziko pro pracovníky:

Trvání pracovních činností : expozice trvající nejvýše 8 hodin / den  
 Koncentrace : práce s nátěrovou hmotou, popř. naředěnou na aplikační hustotu  
 Teplota : provádění prací při doporučené teplotě +5 až 25°C  
 Obecná opatření na omezení rizik : pracovat v ochranném pracovním oděvu, při kontaktu s nátěrovou hmotou používat ochranné rukavice a ochranné brýle, limitní koncentrace látek obsažených ve směsi jsou uvedeny v oddíle 8 bezpečnostního listu a mohou se lišit v závislosti na typu nátěrové hmoty  
 Při práci dodržovat obecné zásady hygieny a bezpečnosti práce.  
 Prostředí, kde jsou činnosti prováděny : vnitřní prostředí s odvětráváním.

### Doplňující požadavky omezující riziko pro pracovníky vykonávající dílčí pracovní činnosti:

| Dílčí pracovní činnost prováděná s výrobkem                                                                                            | Kategorie procesu                                                                                                     | Požadované doplňující opatření                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Přečerpávání nátěrových hmot z / do zásobníků a zařízení v uzavřeném systému                                                           | PROC1 Použití v rámci uzavřeného výrobního procesu                                                                    | Nevyžadováno                                                                                                                                                                                                                                                                                                  |
| Přečerpávání nátěrových hmot z / do zásobníků a zařízení v nesespecializovaném zařízení s možností expozice osob a životního prostředí | PROC8a přeprava výrobku (napouštění / vypouštění) z / do nádob / kontejnerů v nesespecializovaných zařízeních         | Místní odsávání, popř. dobré větrání (3 – 5 výměn vzduchu za hodinu).                                                                                                                                                                                                                                         |
| Přečerpávání nátěrových hmot z / do zásobníků a zařízení v nesespecializovaném zařízení s možností expozice osob a životního prostředí | PROC8b PROC8a přeprava výrobku (napouštění / vypouštění) z / do nádob / kontejnerů v specializovaných zařízeních      | Místní odsávání, popř. dobré větrání (3 – 5 výměn vzduchu za hodinu).                                                                                                                                                                                                                                         |
| Míchání, směšování, ředění nátěrových hmot v otevřených zařízeních s možností expozice osob a životního prostředí                      | PROC5 míchání nebo směšování v dávkových procesech při výrobě směsí                                                   | Místní odsávání, popř. dobré větrání (3 – 5 výměn vzduchu za hodinu).                                                                                                                                                                                                                                         |
| Aplikace stříkáním                                                                                                                     | PROC7 průmyslové nástřikové techniky                                                                                  | Robotický nástřik provádět v uzavřených komorách nebo uzavřených kabinách s odsáváním a zajištěním nezávislého přívodu vzduchu.<br>Ruční nástřik provádějte ve stříkacích kabinách nebo v intenzívně větraných prostorách (5-10 výměn vzduchu za hodinu) za použití polomasky nebo masky s filtrem typu A/P2. |
| Ruční aplikace nátěrových hmot válečkem, štětkou, stěrkou                                                                              | PROC10 aplikace válečkem, stěrkou nebo štětkou                                                                        | Místní odsávání, popř. dobré větrání (3 – 5 výměn vzduchu za hodinu).                                                                                                                                                                                                                                         |
| Nanášení nátěrových hmot poléváním nebo ponořením                                                                                      | PROC13 úprava předmětů máčením a poléváním                                                                            | Místní odsávání, popř. dobré větrání (3 – 5 výměn vzduchu za hodinu).                                                                                                                                                                                                                                         |
| Volné sušení nátěrového filmu při normální teplotě nebo mírně zvýšené teplotě                                                          | PROC4 použití v rámci dávkového a jiného procesu s větší možností expozice                                            | Provádět za místního odsávání, popř. dobré větrání (3 – 5 výměn vzduchu za hodinu).                                                                                                                                                                                                                           |
| Kontinuální postupy sušení a vytvrzování nátěrových hmot za zvýšené teploty v sušících tunelech s odsáváním par                        | PROC2 použití v rámci nepřetržitého chemického výrobního procesu s příležitostnou kontrolovanou expozicí (např. odběr | Nevyžaduje další opatření na omezení rizik.                                                                                                                                                                                                                                                                   |

| Dílčí pracovní činnost prováděná s výrobkem                                                           | Kategorie procesu                                                            | Požadované doplňující opatření                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                       | vzorků)                                                                      |                                                                                                                                                                                                      |
| Násadové postupy sušení a vytvrzování filmu nátěrových hmot za zvýšené teploty v odsávaných komorách. | PROC3 použití v rámci uzavřeného dávkového procesu výroby směsí              | Nevyžaduje další opatření na omezení rizik.                                                                                                                                                          |
| Strojní čištění a promývání uzavřených nádrží, zásobníků a zařízení vybavených odsáváním par          | PROC3 použití v rámci uzavřeného dávkového procesu výroby směsí              | Nevyžaduje další opatření na omezení rizik.                                                                                                                                                          |
| Ruční čištění malých zásobníků, aplikačních zařízení a nářadí                                         | PROC10 aplikace válečkem, štětkou nebo štětcem                               | Lokální odsávání v místě potencionálního úniku emisí nebo dobré větrání (3 – 5 výměn vzduchu za hodinu).                                                                                             |
| Kontrolní činnosti prováděné s nátěrovými hmotami v laboratořích                                      | PROC15 použití jako laboratorního reagentu (práce s výrobkem v laboratořích) | Dobré větrání (3 – 5 výměn vzduchu za hodinu).                                                                                                                                                       |
| Činnosti s odpady výrobku a odpady znečištěnými výrobkem                                              |                                                                              | Při nebezpečí styku s odpady používat rukavice. Odpady ukládat do uzavíratelných obalů uložených v dobře větraných skladech nebo ve venkovním prostředí. Odpady zajistit proti úniku do vody a půdy. |

### Doplňující požadavky omezující riziko pro životní prostředí

|                            |                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Omezování emisí do ovzduší | Při nanášení barvy stříkáním odstraňovat ze vzduchu odtahovaného z pracovních prostor úlet aerosolu barvy.<br>Při překročení limitů spotřeby rozpouštědel stanovených vyhláškou využívat postupy rekuperace rozpouštědel z odpadního vzduchu nebo jinými postupy zaručujícími dodržení emisních parametrů stanovených předpisy pro ochranu ovzduší. |
| Omezování emisí do vody    | Barvu a odpady znečištěné barvou skladovat v objektech stavebně zajištěných proti úniku úkapů a havarijních úniků do podzemních a povrchových vod. Při vypouštění odpadních vod dodržovat parametry stanovené pro dané zařízení vodohospodářským orgánem.                                                                                           |
| Odstraňování odpadů        | Odpady barvy a materiálů znečištěných barvou odstraňovat ve spolupráci s osobami oprávněnými k nakládání s odpady.                                                                                                                                                                                                                                  |

## 2. Expoziční scénář: profesionální použití

Sektor použití : SU22  
Kategorie chemických výrobků : PC9a  
Dílčí procesy kryté expozičním scénářem : PROC3, PROC4, PROC5, PROC7, PROC8a, PROC8b, PROC10, PROC11, PROC13, PROC 15, PROC19  
Uvolňování výrobku do životního prostředí : ERC8a, REC8d

### Základní podmínky omezující riziko pro pracovníky:

Trvání pracovních činností : expozice trvající nejvýše 8 hodin / den  
Koncentrace : práce s nátěrovou hmotou, popř. naředěnou na aplikační hustotu  
Teplota : provádění prací při doporučené teplotě +5 až 25°C s výjimkou sušení nebo vytvrzování filmu za zvýšené teploty  
Obecná opatření na omezení rizik : pracovat v ochranném pracovním oděvu, při kontaktu s nátěrovou hmotou používat ochranné rukavice a ochranné brýle, limitní koncentrace látek obsažených ve směsi jsou uvedeny v oddíle 8 bezpečnostního listu a mohou se lišit v závislosti na typu nátěrové hmoty  
Při práci dodržovat obecné zásady hygieny a bezpečnosti práce.

Prostředí, kde jsou činnosti prováděny : vnitřní prostředí s odvětráváním, popř. venkovní prostředí.

### Doplňující požadavky omezující riziko pro pracovníky vykonávající dílčí pracovní činnosti:

| Dílčí pracovní činnost prováděná s výrobkem                                                                                            | Kategorie procesu                                                                                             | Požadované doplňující opatření                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Přečerpávání nátěrových hmot z / do zásobníků a zařízení v nesespecializovaném zařízení s možností expozice osob a životního prostředí | PROC8a přeprava výrobku (napouštění / vypouštění) z / do nádob / kontejnerů v nesespecializovaných zařízeních | Uvnitř budov: Místní odsávání, popř. dobré větrání (3 – 5 výměn vzduchu za hodinu).<br>Venku: zajistit úkapy nátěrových hmot. |
| Míchání, směšování, ředění nátěrových hmot v otevřených zařízeních s možností expozice osob a                                          | PROC5 míchání nebo směšování                                                                                  | Uvnitř: Místní odsávání, popř. dobré větrání (3 – 5 výměn vzduchu za hodinu).                                                 |

| Dílčí pracovní činnost prováděná s výrobkem                                                           | Kategorie procesu                                                            | Požadované doplňující opatření                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| životního prostředí                                                                                   | v dávkových procesech při výrobě směsí                                       | Venku: činnosti vykonávat nejdéle 4hod./den bez potřeby dalších opatření, nebo používat ochranu dýchacích orgánů s filtrem typu A.                                                                                                                                                                                                                                                                                                            |
| Aplikace stříkáním                                                                                    | PROC11 neprůmyslové nástřikové techniky                                      | Uvnitř: nástřik provádět v uzavřených komorách nebo uzavřených kabinách s odsáváním a zajištěním nezávislého přívodu vzduchu. Místní odsávání, popř. dobré větrání (3 – 5 výměn vzduchu za hodinu).<br>Ruční nástřik provádějte ve stříkacích kabinách nebo v intenzivně větraných prostorách (5-10 výměn vzduchu za hodinu) za použití polomasky nebo masky s filtrem typu A/P2.<br>Venku: použití polomasky nebo masky s filtrem typu A/P2. |
| Ruční aplikace nátěrových hmot válečkem, štětcem, stěrkou                                             | PROC10 aplikace válečkem, stěrkou nebo štětcem                               | Uvnitř: Místní odsávání, popř. dobré větrání (3 – 5 výměn vzduchu za hodinu).<br>Venku: nevyžaduje se další opatření                                                                                                                                                                                                                                                                                                                          |
| Nanášení nátěrových hmot poléváním nebo ponořením                                                     | PROC13 úprava předmětů máčením a poléváním                                   | Uvnitř: Místní odsávání, popř. dobré větrání (3 – 5 výměn vzduchu za hodinu).<br>Venku: používat ochranu dýchacích orgánů s filtrem typu A.                                                                                                                                                                                                                                                                                                   |
| Násadové postupy sušení a vytvrzování filmu nátěrových hmot za zvýšené teploty v odsávaných komorách. | PROC3 použití v rámci uzavřeného dávkového procesu výroby směsí              | Nevyžaduje další opatření na omezení rizik.                                                                                                                                                                                                                                                                                                                                                                                                   |
| Volné sušení nátěrového filmu při normální teplotě nebo mírně zvýšené teplotě                         | PROC4 použití v rámci dávkového a jiného procesu s větší možností expozice   | Uvnitř: Provádět za místního odsávání, popř. dobré větrání (3 – 5 výměn vzduchu za hodinu).<br>Venku: nevyžaduje se další opatření                                                                                                                                                                                                                                                                                                            |
| Ruční čištění malých zásobníků, aplikačních zařízení a nářadí                                         | PROC10 aplikace válečkem, stěrkou nebo štětcem                               | Uvnitř: Lokální odsávání v místě potencionálního úniku emisí nebo dobré větrání (3 – 5 výměn vzduchu za hodinu).<br>Venku: nevyžaduje se další opatření                                                                                                                                                                                                                                                                                       |
| Činnosti, při kterých dochází k přímému kontaktu s výrobkem bez použití pracovního nástroje           | PROC19 ruční mísení s úzkým kontaktem za použití OOPP                        | Uvnitř: rukavice, místní odsávání nebo dobré větrání<br>Venku: rukavice                                                                                                                                                                                                                                                                                                                                                                       |
| Kontrolní činnosti prováděné s nátěrovými hmotami v laboratořích                                      | PROC15 použití jako laboratorního reagentu (práce s výrobkem v laboratořích) | Dobré větrání (3 – 5 výměn vzduchu za hodinu).                                                                                                                                                                                                                                                                                                                                                                                                |
| Činnosti s odpady výrobku a odpady znečištěnými výrobkem                                              |                                                                              | Při nebezpečí styku s odpady používat rukavice. Odpady ukládat do uzavíratelných obalů uložených v dobře větraných skladech nebo ve venkovním prostředí.<br>Odpady zajistit proti úniku do vody a půdy.<br>Uvnitř: dobré větrání (3 – 5 výměn vzduchu za hodinu).                                                                                                                                                                             |

#### **Doplňující požadavky omezující riziko pro životní prostředí**

|                            |                                                                                                                                                                                                                                                           |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Omezování emisí do ovzduší | Nejsou požadována žádná zvláštní opatření                                                                                                                                                                                                                 |
| Omezování emisí do vody    | Barvu a odpady znečištěné barvou skladovat v objektech stavebně zajištěných proti úniku úkapů a havarijních úniků do podzemních a povrchových vod. Při vypouštění odpadních vod dodržovat parametry stanovené pro dané zařízení vodohospodářským orgánem. |
| Odstraňování odpadů        | Odpady barvy a materiálů znečištěných barvou odstraňovat ve spolupráci s osobami oprávněnými k nakládání s odpady.                                                                                                                                        |