

# SAFETY DATA SHEET

In accordance with the Regulations on the content of the safety data sheet  
("Sl. glasnik RS", br. 11/24)



## Sikafloor®-416 MAT/Topcoat CL-760 Mat

Revision Date 25.03.2025

Version 2.1

Print Date 16.12.2025

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

#### 1.1 Product identifier

Trade name : Sikafloor®-416 MAT/Topcoat CL-760 Mat

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

Product use : Polyurethane coating, Product is not intended for consumer use

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

Company name of supplier : Sika Srbija d.o.o.  
Patrijarha Pavla 1  
22310 Šimanovci  
Srbija  
Telephone : +381 22 21 55 777  
Telefax : +381 22 21 55 780  
E-mail address of person responsible for the SDS : ehs@rs.sika.com

#### 1.4 Emergency telephone number

National Toxicology Institute -  
+381 11 360 84 40 (toxicologist on duty - 0- 24h)

### SECTION 2: Hazards identification

Type of product : Mixture

#### 2.1 Classification of the substance or mixture

##### Classification (according to regulation governing the classification, packaging and labeling of chemicals)

|  |  |
|--|--|
| Flammable liquids, Category 3  | H226: Flammable liquid and vapour.   |
| Acute toxicity, Category 4   | H332: Harmful if inhaled.  |
| Eye irritation, Category 2   | H319: Causes serious eye irritation.   |
| Respiratory sensitisation, Category 1  | H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| Skin sensitisation, Category 1   | H317: May cause an allergic skin reaction.                                       |
| Specific target organ toxicity - single exposure, Category 3, Central nervous system | H336: May cause drowsiness or dizziness.   |
| Specific target organ toxicity - single exposure, Category 3, Respiratory system     | H335: May cause respiratory irritation.  |
| Aspiration hazard, Category 1  | H304: May be fatal if swallowed and enters airways.                              |
| Long-term (chronic) aquatic hazard, Category 2                                       | H411: Toxic to aquatic life with long lasting effects.                           |

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### 2.2 Label elements

#### Labelling (according to regulation governing the classification, packaging and labeling of chemicals)

|                                |   |   |
|--------------------------------|---|---|
| Hazard pictograms              | : |   |
| Signal word                    | : | Danger  |
| Hazard statements              | : | <p>H226 Flammable liquid and vapour.<br/>H304 May be fatal if swallowed and enters airways.<br/>H317 May cause an allergic skin reaction.<br/>H319 Causes serious eye irritation.<br/>H332 Harmful if inhaled.<br/>H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.<br/>H335 May cause respiratory irritation.<br/>H336 May cause drowsiness or dizziness.<br/>H411 Toxic to aquatic life with long lasting effects.</p>   |
| Supplemental Hazard Statements | : | <p>EUH066 Repeated exposure may cause skin dryness or cracking.</p>   |
| Precautionary statements       | : | <p><b>Prevention:</b><br/>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br/>P261 Avoid breathing mist or vapours.<br/>P273 Avoid release to the environment.<br/>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.</p> <p><b>Response:</b><br/>P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.<br/>P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell.<br/>P331 Do NOT induce vomiting.<br/>P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER/ doctor.<br/>P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.<br/>P391 Collect spillage.</p> |

Hazardous components which must be listed on the label:

Hydrocarbons, C9, aromatics  
bis[2-[2-(1-methylethyl)-3-oxazolidinyl]ethyl] hexane-1,2-diylbiscarbamate  
Isophorondiisocyanate homopolymer

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3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate  
Pentamethyl piperidylsebacate  
dibutyltin dilaurate

### Additional Labelling

"As from 24 August 2023 adequate training is required before industrial or professional use."

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

None known.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Components

| Chemical name  | CAS-No.<br>EC-No.<br>Registration number   | Classification<br>(according to regulation governing the classification, packaging and labeling of chemicals)   | Concentration<br>(% w/w) |
|--|--|---|--------------------------|
| Hydrocarbons, C9, aromatics  | Not Assigned<br>918-668-5<br>01-2119455851-35-<br>XXXX [corresponding group CAS<br>64742-95-6] | Flam. Liq. 3; H226<br>STOT SE 3; H336<br>(Central nervous system)<br>STOT SE 3; H335<br>(Respiratory system)<br>Asp. Tox. 1; H304<br>Aquatic Chronic 2;<br>H411 | >= 20 - < 25             |
| bis[2-[2-(1-methylethyl)-3-oxazolidinyl]ethyl] hexane-1,2-diylbiscarbamate     | 59719-67-4<br>261-879-6<br>01-2119983487-19-<br>XXXX   | Eye Irrit. 2; H319<br>Skin Sens. 1B;<br>H317<br>Aquatic Chronic 2;<br>H411  | >= 10 - < 20             |
| 2-methoxy-1-methylethyl acetate<br>Contains:<br>2-methoxypropyl acetate <= 1 % | 108-65-6<br>203-603-9<br>01-2119475791-29-<br>XXXX   | Flam. Liq. 3; H226<br>STOT SE 3; H336   | >= 10 - < 20             |
| reaction mass of ethylbenzene and xylene                                       | Not Assigned<br>905-588-0<br>01-2119488216-32-   | Flam. Liq. 3; H226<br>Acute Tox. 4; H332<br>Acute Tox. 4; H312  | >= 5 - < 10              |

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|   |   |  |                 |
|---|---|--|-----------------|
|   | XXXX  | Skin Irrit. 2; H315<br>Eye Irrit. 2; H319<br>STOT SE 3; H335<br>(Respiratory system)<br>STOT RE 2; H373<br>(hearing organs)<br>Asp. Tox. 1; H304<br>Aquatic Chronic 3;<br>H412                 |                 |
| Isophorondiisocyanate homopolymer<br>Contains:<br>3-isocyanatomethyl-3,5,5-<br>trimethylcyclohexyl isocyanate <= 0,49 %                                   | 53880-05-0<br>931-312-3<br>500-125-5<br>01-2119488734-24-<br>XXXX | Skin Sens. 1B;<br>H317<br>STOT SE 3; H335<br>(Respiratory system)  | >= 2,5 - < 5    |
| propyl acetate  | 109-60-4<br>203-686-1<br>01-2119484620-39-<br>XXXX                | Flam. Liq. 2; H225<br>Eye Irrit. 2; H319<br>STOT SE 3; H336<br>(Central nervous system)  | >= 1 - < 2,5    |
| 3-isocyanatomethyl-3,5,5-<br>trimethylcyclohexyl isocyanate   | 4098-71-9<br>223-861-6<br>01-2119490408-31-<br>XXXX               | Acute Tox. 1; H330<br>Skin Irrit. 2; H315<br>Eye Irrit. 2; H319<br>Resp. Sens. 1;<br>H334<br>Skin Sens. 1; H317<br>STOT SE 3; H335<br>(Respiratory system)<br>Aquatic Chronic 2;<br>H411       | >= 0,5 - < 1    |
| Pentamethyl piperidylsebacate<br>Contains:<br>bis(1,2,2,6,6-pentamethyl-4-piperidyl)<br>sebacate<br>methyl 1,2,2,6,6-pentamethyl-4-<br>piperidyl sebacate | 1065336-91-5<br>915-687-0<br>01-2119491304-40-<br>XXXX            | Skin Sens. 1A;<br>H317<br>Repr. 2; H361f<br>Aquatic Acute 1;<br>H400<br>Aquatic Chronic 1;<br>H410<br><br>M-Factor (Acute<br>aquatic toxicity): 1<br>M-Factor (Chronic<br>aquatic toxicity): 1 | >= 0,25 - < 0,5 |
| dibutyltin dilaurate  | 77-58-7<br>201-039-8<br>01-2119496068-27-<br>XXXX                 | Eye Irrit. 2; H319<br>Skin Sens. 1; H317<br>Muta. 2; H341<br>Repr. 1B; H360FD<br>STOT SE 1; H370<br>STOT RE 1; H372<br>Aquatic Acute 1;<br>H400  | >= 0,1 - < 0,25 |

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|         |   |  |  |
|---------|---|--|--|
|         |   | Aquatic Chronic 1;<br>H410                 |  |
| Remarks | : | Substances with a workplace exposure limit | M-Factor (Acute aquatic toxicity): 1<br>M-Factor (Chronic aquatic toxicity): 1 |

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

|                         |   |
|-------------------------|---|
| General advice          | : Move out of dangerous area.<br>Consult a physician.<br>Show this safety data sheet to the doctor in attendance.   |
| If inhaled              | : Move to fresh air.<br>Consult a physician after significant exposure.   |
| In case of skin contact | : Take off contaminated clothing and shoes immediately.<br>Wash off with soap and plenty of water.<br>If symptoms persist, call a physician.                                      |
| In case of eye contact  | : Immediately flush eye(s) with plenty of water.<br>Remove contact lenses.<br>Keep eye wide open while rinsing.<br>If eye irritation persists, consult a specialist.              |
| If swallowed            | : Do not induce vomiting without medical advice.<br>Rinse mouth with water.<br>Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person. |

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

|          |  |
|----------|--|
| Symptoms | : Aspiration may cause pulmonary oedema and pneumonitis.<br>Asthmatic appearance<br>Cough<br>Respiratory disorder<br>Allergic reactions<br>Excessive lacrimation<br>Erythema<br>Headache<br>Loss of balance<br>Vertigo |
|----------|--|

See Section 11 for more detailed information on health effects

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and symptoms.

|       |  |
|-------|--|
| Risks | : Risk of serious damage to the lungs (by aspiration).<br>irritant effects<br>sensitising effects  |
|       | May be fatal if swallowed and enters airways.<br>May cause an allergic skin reaction.<br>Causes serious eye irritation.<br>Harmful if inhaled.<br>May cause allergy or asthma symptoms or breathing difficulties if inhaled.<br>May cause respiratory irritation.<br>May cause drowsiness or dizziness.<br>Repeated exposure may cause skin dryness or cracking. |

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

|           |                          |
|-----------|--------------------------|
| Treatment | : Treat symptomatically. |
|-----------|--------------------------|

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

|                                |   |
|--------------------------------|---|
| Suitable extinguishing media   | : Alcohol-resistant foam<br>Carbon dioxide (CO <sub>2</sub> )<br>Dry chemical |
| Unsuitable extinguishing media | : Water<br>High volume water jet  |

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

|                                       |   |
|---------------------------------------|---|
| Specific hazards during fire-fighting | : Do not use a solid water stream as it may scatter and spread fire.<br>Do not allow run-off from fire fighting to enter drains or water courses. |
| Hazardous combustion products         | : No hazardous combustion products are known  |

### 5.3 Advice for firefighters

|   |   |
|---|---|
| Special protective equipment for firefighters | : In the event of fire, wear self-contained breathing apparatus.  |
| Further information                           | : Use water spray to cool unopened containers.<br>Collect contaminated fire extinguishing water separately. This must not be discharged into drains.<br>Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |

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## SECTION 6: Accidental release measures

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

Personal precautions : Use personal protective equipment.  
Remove all sources of ignition.  
Deny access to unprotected persons.  
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

### 6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.  
If the product contaminates rivers and lakes or drains inform respective authorities.

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

Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

### 6.4 Reference to other sections

For personal protection see section 8.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : Avoid formation of aerosol.  
Avoid exceeding the given occupational exposure limits (see section 8).  
Do not get in eyes, on skin, or on clothing.  
For personal protection see section 8.  
Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.  
Smoking, eating and drinking should be prohibited in the application area.  
Take precautionary measures against static discharge.  
Provide sufficient air exchange and/or exhaust in work rooms.  
Open drum carefully as content may be under pressure.  
Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).  
Follow standard hygiene measures when handling chemical products

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Advice on protection against fire and explosion : Use explosion-proof equipment. Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking. Take precautionary measures against electrostatic discharges.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

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

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in accordance with local regulations.

Further information on storage stability : No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)

Specific use(s) : Consult most current local Product Data Sheet prior to any use.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

| Components                               | CAS-No.   | Value type (Form of exposure) | Control parameters               | Basis      |
|--|---|-------------------------------|----------------------------------|------------|
| 2-methoxy-1-methylethyl acetate          | 108-65-6  | STEL                          | 100 ppm<br>550 mg/m <sup>3</sup> | 2000/39/EC |
|  | Further information: Identifies the possibility of significant uptake through the skin, Indicative  |                               |                                  |            |
|  |   | TWA                           | 50 ppm<br>275 mg/m <sup>3</sup>  | 2000/39/EC |
|  |   | KGVI                          | 100 ppm<br>550 mg/m <sup>3</sup> | RS OEL     |
|  | Further information: This chemical substance can adversely affect the skin., Substance mentioned in indicative exposure limit values in Directive 2000/39 / EC (first list) |                               |                                  |            |
|  |   | GVI                           | 50 ppm<br>275 mg/m <sup>3</sup>  | RS OEL     |
| reaction mass of ethylbenzene and xylene | Not As-signed   | TWA                           | 50 ppm<br>221 mg/m <sup>3</sup>  | 2000/39/EC |
|  | Further information: Identifies the possibility of significant uptake through the skin, Indicative  |                               |                                  |            |
|  |   | STEL                          | 100 ppm<br>442 mg/m <sup>3</sup> | 2000/39/EC |

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|   |      |                                  |        |
|---|------|----------------------------------|--------|
|   | GVI  | 50 ppm<br>221 mg/m <sup>3</sup>  | RS OEL |
| Further information: This chemical substance can adversely affect the skin., Substance mentioned in indicative exposure limit values in Directive 2000/39 / EC (first list) |      |                                  |        |
|   | KGVI | 100 ppm<br>442 mg/m <sup>3</sup> | RS OEL |

### Derived No Effect Level (DNEL)

| Substance name   | End Use   | Exposure routes | Potential health effects   | Value                  |
|--|-----------|-----------------|----------------------------|------------------------|
| bis[2-[2-(1-methylethyl)-3-oxazolidinyl]ethyl] hexane-1,2-diylbiscarbamate | Workers   | Inhalation      | Long-term systemic effects | 29,4 mg/m <sup>3</sup> |
|  | Workers   | Skin contact    | Long-term systemic effects | 16,7 mg/kg             |
|  | Consumers | Inhalation      | Long-term systemic effects | 6,25 mg/m <sup>3</sup> |
|  | Consumers | Skin contact    | Long-term systemic effects | 8,3 mg/kg              |
|  | Consumers | Ingestion       | Long-term systemic effects | 4,2 mg/kg              |

### Predicted No Effect Concentration (PNEC) :

| Substance name   | Environmental Compartment | Value        |
|--|---------------------------|--------------|
| bis[2-[2-(1-methylethyl)-3-oxazolidinyl]ethyl] hexane-1,2-diylbiscarbamate | Fresh water               | 0,0186 mg/l  |
|  | Marine water              | 0,00186 mg/l |
|  | Fresh water sediment      | 0,709 mg/kg  |
|  | Marine sediment           | 0,0709 mg/kg |
|  | Soil                      | 1,131 mg/kg  |

## 8.2 Exposure controls

### Engineering measures

Maintain air concentrations below occupational exposure standards.  
Ensure adequate ventilation, especially in confined areas.

### Personal protective equipment

Eye/face protection : Safety glasses with side-shields conforming to EN166  
Eye wash bottle with pure water

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manufacturer specifications.  
Suitable for short time use or protection against splashes:  
Butyl rubber/nitrile rubber gloves (> 0,1 mm)  
Contaminated gloves should be removed.  
Suitable for permanent exposure:

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Viton gloves (0.4 mm),  
breakthrough time >30 min.

Skin and body protection : Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionally recommended for mixing and stirring work.

Respiratory protection : In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. organic vapor filter (Type A) A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Methods for determining inhalation exposure). This applies in particular to the mixing / stirring area. In case this is not sufficient to keep the concentrations under the occupational exposure limits then respiration protection measures must be used. Ensure adequate ventilation, especially in confined areas.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state : liquid

Colour : colourless

Odour : hydrocarbon-like

Melting point/ range / Freezing point : No data available

Boiling point/boiling range : > 100 °C

Flammability (solid, gas) : No data available

### Upper/lower flammability or explosive limits

Upper explosion limit / Upper flammability limit : 7 % (V)

Lower explosion limit / Lower flammability limit : 0,8 % (V)

Flash point : 35 °C  
Method: closed cup

Auto-ignition temperature : 333 °C

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Decomposition temperature : No data available

pH : Not applicable

### Viscosity

Viscosity, kinematic : > 7 mm<sup>2</sup>/s (40 °C)

### Solubility(ies)

Water solubility : insoluble

Partition coefficient: n-octanol/water : No data available

Vapour pressure : 7,9993 hPa

Density : ca. 1,03 g/cm<sup>3</sup> (20 °C)

Relative vapour density : ca. 1

## 9.2 Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

The product is chemically stable.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions.

Vapours may form explosive mixture with air.

### 10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

### 10.5 Incompatible materials

Materials to avoid : No data available

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### 10.6 Hazardous decomposition products

## SECTION 11: Toxicological information

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

#### Acute toxicity

Harmful if inhaled.

#### Components:

##### **Hydrocarbons, C9, aromatics:**

Acute oral toxicity : LD50 Oral (Rat): > 2.000 mg/kg

Acute dermal toxicity : LD50 Dermal (Rabbit): > 2.000 mg/kg

##### **bis[2-[2-(1-methylethyl)-3-oxazolidinyl]ethyl] hexane-1,2-diylbiscarbamate:**

Acute oral toxicity : LD50 Oral (Rat): > 5.000 mg/kg

Acute dermal toxicity : LD50 Dermal (Rabbit): > 2.000 mg/kg

##### **2-methoxy-1-methylethyl acetate:**

Acute oral toxicity : LD50 Oral (Rat): > 5.000 mg/kg

Acute dermal toxicity : LD50 Dermal (Rabbit): > 5.000 mg/kg

##### **reaction mass of ethylbenzene and xylene:**

Acute oral toxicity : LD50 Oral (Rat): 3.523 mg/kg

##### **3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate:**

Acute oral toxicity : LD50 Oral (Rat): 4.814 mg/kg

Acute inhalation toxicity : LC50 (Rat): 0,031 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist

Acute toxicity estimate: 0,031 mg/l  
Test atmosphere: dust/mist  
Method: Calculation method

Acute dermal toxicity : LD50 Dermal (Rat): > 7.000 mg/kg

##### **Pentamethyl piperidylsebacate:**

Acute oral toxicity : LD50 Oral (Rat): 3.230 mg/kg

##### **dibutyltin dilaurate:**

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Acute oral toxicity : LD50 Oral (Rat): 2.071 mg/kg

### **Skin corrosion/irritation**

Repeated exposure may cause skin dryness or cracking.

### **Components:**

#### **Hydrocarbons, C9, aromatics:**

Assessment : Repeated exposure may cause skin dryness or cracking.

#### **Serious eye damage/eye irritation**

Causes serious eye irritation.

#### **Respiratory or skin sensitisation**

##### **Skin sensitisation**

May cause an allergic skin reaction.

##### **Respiratory sensitisation**

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

##### **Germ cell mutagenicity**

Not classified due to lack of data.

##### **Carcinogenicity**

Not classified due to lack of data.

##### **Reproductive toxicity**

Not classified due to lack of data.

##### **STOT - single exposure**

May cause respiratory irritation.

May cause drowsiness or dizziness.

##### **STOT - repeated exposure**

Not classified due to lack of data.

##### **Aspiration toxicity**

May be fatal if swallowed and enters airways.

## 11.2 Information on other hazards

### **Endocrine disrupting properties**

#### **Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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## SECTION 12: Ecological information

### 12.1 Toxicity

#### Components:

##### **Hydrocarbons, C9, aromatics:**

Toxicity to algae/aquatic plants : (Pseudokirchneriella subcapitata (green algae)): 2,6 - 2,9 mg/l  
Exposure time: 72 h

##### **bis[2-[2-(1-methylethyl)-3-oxazolidinyl]ethyl] hexane-1,2-diybiscarbamate:**

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 87,1 mg/l  
Exposure time: 48 h

Toxicity to algae/aquatic plants : EC50 (Scenedesmus capricornutum (fresh water algae)): 18,6 mg/l  
Exposure time: 72 h

##### **reaction mass of ethylbenzene and xylene:**

Toxicity to fish (Chronic toxicity) : NOEC: > 1,3 mg/l  
Exposure time: 56 d  
Species: Oncorhynchus mykiss (rainbow trout)

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 1,17 mg/l  
Exposure time: 7 d  
Species: Daphnia (water flea)

##### **Pentamethyl piperidylsebacate:**

Toxicity to fish : LC50 (Fish): 0,97 mg/l  
Exposure time: 96 h

M-Factor (Acute aquatic toxicity) : 1

M-Factor (Chronic aquatic toxicity) : 1

##### **dibutyltin dilaurate:**

Toxicity to fish : LC50 (Fish): 3,1 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): 1 mg/l  
Exposure time: 48 h

Toxicity to algae/aquatic plants : EC50 (Selenastrum capricornutum (green algae)): 1 - 10 mg/l  
Exposure time: 72 h

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M-Factor (Acute aquatic toxicity) : 1

M-Factor (Chronic aquatic toxicity) : 1

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

### 12.6 Endocrine disrupting properties

#### Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### 12.7 Other adverse effects

#### Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Toxic to aquatic life with long lasting effects.

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : The generation of waste should be avoided or minimized wherever possible.  
Empty containers or liners may retain some product residues.  
This material and its container must be disposed of in a safe way.  
Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.

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Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**European Waste Catalogue** : 08 01 11\* waste paint and varnish containing organic solvents or other dangerous substances

**Contaminated packaging** : 15 01 10\* packaging containing residues of or contaminated by dangerous substances

## SECTION 14: Transport information

### 14.1 UN number or ID number

**ADR** : UN 1263

**IMDG** : UN 1263

**IATA** : UN 1263

### 14.2 UN proper shipping name

**ADR** : PAINT RELATED MATERIAL

**IMDG** : PAINT RELATED MATERIAL  
(solvent naphtha)

**IATA** : Paint related material

### 14.3 Transport hazard class(es)

|             | Class | Subsidiary risks |
|-------------|-------|------------------|
| <b>ADR</b>  | : 3   |                  |
| <b>IMDG</b> | : 3   |                  |
| <b>IATA</b> | : 3   |                  |

### 14.4 Packing group

#### **ADR**

Packing group : III  
Classification Code : F1  
Hazard Identification Number : 30  
Labels : 3  
Tunnel restriction code : (D/E)

#### **IMDG**

Packing group : III  
Labels : 3  
EmS Code : F-E, S-E

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### IATA (Cargo)

Packing instruction (cargo aircraft) : 366  
Packing instruction (LQ) : Y344  
Packing group : III  
Labels : Flammable Liquids

### IATA (Passenger)

Packing instruction (passenger aircraft) : 355  
Packing instruction (LQ) : Y344  
Packing group : III  
Labels : Flammable Liquids

## 14.5 Environmental hazards

### ADR

Environmentally hazardous : yes

### IMDG

Marine pollutant : yes

### IATA (Passenger)

Environmentally hazardous : yes

### IATA (Cargo)

Environmentally hazardous : yes

## 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

## 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

## SECTION 15: Regulatory information

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

International Chemical Weapons Convention (CWC) : Not applicable  
Schedules of Toxic Chemicals and Precursors

REACH Information: All substances contained in our Products are  
- registered by our upstream suppliers, and/or  
- registered by us, and/or  
- excluded from the regulation, and/or  
- exempted from the registration.

Rule book on Bans and Restrictions of Production, Placing on the Market and Use of Chemicals (State Gazette, : Conditions of restriction for the following entries should be considered:

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|   |  |
|---|--|
| Nr. 90/2013, 25/2015, 2/2016, 44/2017, 36/2018, 9/2020, 57/2022 and 29/2024)  | Number on list 3   |
|   | Banned and/or restricted   |
| REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).   | : None of the components are listed (=> 0.1 %).  |
| REACH - List of substances subject to authorisation (Annex XIV)   | : Not applicable   |
| Regulation (EU) No 2024/590 on substances that deplete the ozone layer  | : Not applicable   |
| Regulation (EU) 2019/1021 on persistent organic pollutants (recast)   | : Not applicable   |
| Regulation (EU) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals                          | : dibutyltin dilaurate   |
| Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. |  |
| P5c   | FLAMMABLE LIQUIDS  |
| E2  | ENVIRONMENTAL HAZARDS  |
| 34  | Petroleum products: (a) gasolines and naphthas, (b) kerosenes (including jet fuels), (c) gas oils (including diesel fuels, home heating oils and gas oil blending streams), (d) heavy fuel oils (e) alternative fuels serving the same purposes and with similar properties as regards flammability and environmental hazards as the products referred to in points (a) to (d) |
| Volatile organic compounds  | : Law on the incentive tax for volatile organic compounds (VOCV)<br>Volatile organic compounds (VOC) content: 40,57% w/w   |
|   | Directive 2010/75/EU of 24 November 2010 on industrial and livestock rearing emissions (integrated pollution prevention and control)<br>Volatile organic compounds (VOC) content: 40,57% w/w   |

### Other regulations:

Rulebook on the content of a safety data sheet (Official Gazette No. 11/24).

Rulebook on classification, packaging, labeling and advertising of chemicals and products in accordance with UN Globally Harmonized System of Classification and Labelling ("State Gazz. RS", 105/2013, 52/2017, 21/2019, 40/2023).

Law on chemicals ("Off. gazette RS" No. 36/09, 88/10, 92/11, 93/12 and 25/15)

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Law on waste management ("Off. Gazette RS" No. 36/09, 88/10, 14/16, 95/18 - other law, 35/2023)

Rulebook on categories, testing and classification of waste ("Off. gazette RS" No. 56/10, 93/19 and 39/21)

Rulebook on preventive measures for safe and healthy work during exposure to chemical substances ("Off. gazette RS" No.106/09, 117/17 and 107/21)

Take note of Directive 92/85/EEC regarding maternity protection or stricter national regulations, where applicable.

### 15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

## SECTION 16: Other information

### Full text of H-Statements

|        |   |
|--------|---|
| H225   | : Highly flammable liquid and vapour.   |
| H226   | : Flammable liquid and vapour.  |
| H304   | : May be fatal if swallowed and enters airways.                                 |
| H312   | : Harmful in contact with skin.   |
| H315   | : Causes skin irritation.   |
| H317   | : May cause an allergic skin reaction.  |
| 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.   |
| H360FD | : May damage fertility. May damage the unborn child.                            |
| H361f  | : Suspected of damaging fertility.  |
| H370   | : Causes damage to organs if swallowed.   |
| H372   | : Causes damage to organs through prolonged or repeated exposure if swallowed.  |
| H373   | : May cause damage to organs through prolonged or repeated exposure if inhaled. |
| H400   | : Very toxic to aquatic life.   |
| H410   | : Very toxic to aquatic life with long lasting effects.                         |
| H411   | : Toxic to aquatic life with long lasting effects.                              |
| H412   | : Harmful to aquatic life with long lasting effects.                            |

### Full text of other abbreviations

|                 |                                      |
|-----------------|--------------------------------------|
| Acute Tox.      | : Acute toxicity                     |
| Aquatic Acute   | : Short-term (acute) aquatic hazard  |
| Aquatic Chronic | : Long-term (chronic) aquatic hazard |
| Asp. Tox.       | : Aspiration hazard                  |

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|   |   |   |
|---|---|---|
| Eye Irrit.  | : | Eye irritation  |
| Flam. Liq.  | : | Flammable liquids   |
| Muta.   | : | Germ cell mutagenicity  |
| Repr.   | : | Reproductive toxicity   |
| Resp. Sens.   | : | Respiratory sensitisation   |
| Skin Irrit.   | : | Skin irritation   |
| Skin Sens.  | : | Skin sensitisation  |
| STOT RE   | : | Specific target organ toxicity - repeated exposure  |
| STOT SE   | : | Specific target organ toxicity - single exposure  |
| 2000/39/EC  | : | Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values  |
| RS OEL  | : | Serbia. Occupational Exposure Limits to chemicals at working place (Annex 1)  |
| 2000/39/EC / TWA  | : | Limit Value - eight hours   |
| 2000/39/EC / STEL   | : | Short term exposure limit   |
| RS OEL / GVI  | : | occupational exposure limit   |
| RS OEL / KGVI   | : | Short Term Exposure Limit   |
| ADR   | : | European Agreement concerning the International Carriage of Dangerous Goods by Road   |
| CAS   | : | Chemical Abstracts Service  |
| DNEL  | : | Derived no-effect level   |
| EC50  | : | Half maximal effective concentration  |
| GHS   | : | Globally Harmonized System  |
| IATA  | : | International Air Transport Association   |
| IMDG  | : | International Maritime Code for Dangerous Goods   |
| LD50  | : | Median lethal dose (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)   |
| LC50  | : | Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)  |
| MARPOL  | : | International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978   |
| OEL   | : | Occupational Exposure Limit   |
| PBT   | : | Persistent, bioaccumulative and toxic   |
| PNEC  | : | Predicted no effect concentration   |
| REACH   | : | Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency                                |
| SVHC  | : | Substances of Very High Concern   |
| vPvB  | : | Very persistent and very bioaccumulative  |
| according to regulation governing the classification, packaging and labeling of chemicals | : | (REGULATION (EC) No 1272/2008); Rulebook on classification, packaging, labeling and advertising of chemicals and products in accordance with UN Globally Harmonized System of Classification and Labelling ("State Gazz. RS", 105/2013, 52/2017, 21/2019, 40/2023). |

### Further information

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### Classification of the mixture:

|                   |      |
|-------------------|------|
| Flam. Liq. 3      | H226 |
| Acute Tox. 4      | H332 |
| Eye Irrit. 2      | H319 |
| Resp. Sens. 1     | H334 |
| Skin Sens. 1      | H317 |
| STOT SE 3         | H336 |
| STOT SE 3         | H335 |
| Asp. Tox. 1       | H304 |
| Aquatic Chronic 2 | H411 |

### Classification procedure:

|                                     |
|-------------------------------------|
| Based on product data or assessment |
| Calculation method                  |

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

Changes as compared to previous version !

RS / EN