

# SAFETY DATA SHEET

In accordance with the Regulations on the content of the safety data sheet  
("Sl. glasnik RS", br. 100/2011)



## SikaTack® Panel

Revision Date 14.08.2024

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 : SikaTack® Panel

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

Product use : Sealant/adhesive, For professional users only.

#### 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 : ehs@rs.sika.com  
responsible for the SDS

#### 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 CLP/GHS)

|                                       |  |
|---------------------------------------|--|
| Skin irritation, Category 2           | H315: Causes skin irritation.  |
| 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.                                       |

#### 2.2 Label elements

##### Labelling (according to CLP/GHS)

Hazard pictograms :



Signal word : Danger

Hazard statements : H315 Causes skin irritation.

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H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Precautionary statements :

### Prevention:

P261 Avoid breathing mist or vapours.  
P264 Wash skin thoroughly after handling.  
P280 Wear protective gloves/ eye protection/ face protection.  
P284 In case of inadequate ventilation wear respiratory protection.

### Response:

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER/ doctor.

Hazardous components which must be listed on the label:

4,4'-methylenediphenyl diisocyanate

Reaction product of Hexamethylene diisocyanate, oligomers with Mercaptopropyltrimethoxysilane

3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate

### Additional Labelling

EUH204 Contains isocyanates. May produce an allergic reaction.

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

"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. | Classification | Concentration |
|---------------|---------|----------------|---------------|
|---------------|---------|----------------|---------------|

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|   | EC-No.<br>Registration number                      | (according to<br>CLP/GHS)   | (% w/w)             |
|---|--|---|---------------------|
| Urea,N,N'-(methylenedi-4,1-phenylene)bis[N'-butyl-  | 77703-56-1<br>416-600-4<br>01-0000016345-72-XXXX   | Aquatic Chronic 4; H413   | $\geq 2,5 - < 5$    |
| reaction mass of ethylbenzene and xylene  | Not Assigned<br>905-588-0<br>01-2119488216-32-XXXX | Flam. Liq. 3; H226<br>Acute Tox. 4; H332<br>Acute Tox. 4; H312<br>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; H412 | $\geq 2,5 - < 5$    |
| calcium oxide   | 1305-78-8<br>215-138-9<br>01-2119475325-36-XXXX    | Skin Irrit. 2; H315<br>Eye Dam. 1; H318<br>STOT SE 3; H335  | $\geq 1 - < 2,5$    |
| 4,4'-methylenediphenyl diisocyanate   | 101-68-8<br>202-966-0<br>01-2119457014-47-XXXX     | Acute Tox. 4; H332<br>Skin Irrit. 2; H315<br>Eye Irrit. 2; H319<br>Resp. Sens. 1; H334<br>Skin Sens. 1; H317<br>Carc. 2; H351<br>STOT SE 3; H335<br>(Respiratory system)<br>STOT RE 2; H373   | $\geq 0,5 - < 1$    |
| Reaction product of Hexamethylene diisocyanate, oligomers with Mercaptopropyltrimethoxysilane | 192526-20-8<br>924-669-1<br>01-2120768758-32-XXXX  | Skin Sens. 1A; H317<br>Aquatic Chronic 4; H413  | $\geq 0,5 - < 1$    |
| 3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate                                       | 4098-71-9<br>223-861-6<br>01-2119490408-31-XXXX    | Acute Tox. 1; H330<br>Skin Irrit. 2; H315<br>Eye Irrit. 2; H319<br>Resp. Sens. 1; H334<br>Skin Sens. 1; H317<br>STOT SE 3; H335   | $\geq 0,1 - < 0,25$ |

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|                       |  |   |                       |
|-----------------------|--|---|-----------------------|
|                       |  | (Respiratory system)<br>Aquatic Chronic 2;<br>H411  |                       |
| dibutyltin dichloride | 683-18-1<br>211-670-0<br>01-2119496066-31-XXXX | Acute Tox. 3; H301<br>Acute Tox. 1; H330<br>Acute Tox. 4; H312<br>Skin Corr. 1B;<br>H314<br>Eye Dam. 1; H318<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<br>Aquatic Chronic 1;<br>H410<br><br>M-Factor (Acute aquatic toxicity): 10<br>M-Factor (Chronic aquatic toxicity): 10 | $\geq 0,01 - < 0,025$ |

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.  |

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Never give anything by mouth to an unconscious person.

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

- Symptoms : Asthmatic appearance  
Allergic reactions  
Excessive lachrymation  
Erythema  
Dermatitis  
See Section 11 for more detailed information on health effects and symptoms.
- Risks : irritant effects  
sensitising effects
- Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye irritation.  
May cause allergy or asthma symptoms or breathing difficulties if inhaled.

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

- Treatment : Treat symptomatically.

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Suitable extinguishing media : In case of fire, use water/water spray/water jet/carbon dioxide/sand/foam/alcohol resistant foam/chemical powder for extinction.

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

- 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 : Standard procedure for chemical fires.

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## SECTION 6: Accidental release measures

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

- Personal precautions : Use personal protective equipment.

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Deny access to unprotected persons.

### 6.2 Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system.  
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 : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.

### 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 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.  
Follow standard hygiene measures when handling chemical products

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

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. 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) : Cleaning with aprotic polar solvents must be avoided.  
Consult most current local Product Data Sheet prior to any

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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       |
|--|---|---------------------------------|----------------------------------|-------------|
| 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  |
|  |   | 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      |
| calcium oxide                            | 1305-78-8   | TWA (Respirable fraction)       | 1 mg/m <sup>3</sup>              | 2017/164/EU |
|  | Further information: Indicative   |                                 |                                  |             |
|  |   | STEL (Respirable fraction)      | 4 mg/m <sup>3</sup>              | 2017/164/EU |
|  |   | GVI (respirable dust fraction)  | 1 mg/m <sup>3</sup>              | RS OEL      |
|  | Further information: Substance mentioned in indicative exposure limit values in Directive 2017/164/ EC (fourth list)  |                                 |                                  |             |
|  |   | KGVI (respirable dust fraction) | 4 mg/m <sup>3</sup>              | RS OEL      |

##### Derived No Effect Level (DNEL)

| Substance name   | End Use   | Exposure routes | Potential health effects   | Value                 |
|--|-----------|-----------------|----------------------------|-----------------------|
| Reaction product of Hexamethylene diisocyanate, oligomers with Mercapto-propyltrimethoxysilane | Workers   | Inhalation      | Long-term systemic effects | 1,7 mg/m <sup>3</sup> |
|  | Workers   | Dermal          | Long-term systemic effects | 4,7 mg/kg             |
|  | Consumers | Inhalation      | Long-term systemic effects | 0,3 mg/m <sup>3</sup> |

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|  |           |        |                            |           |
|--|-----------|--------|----------------------------|-----------|
|  | Consumers | Dermal | Long-term systemic effects | 1,7 mg/kg |
|--|-----------|--------|----------------------------|-----------|

### Predicted No Effect Concentration (PNEC) :

| Substance name  | Environmental Compartment | Value       |
|---|---------------------------|-------------|
| Reaction product of Hexamethylene diisocyanate, oligomers with Mercaptopropyltrimethoxysilane | Fresh water               | 0,1 mg/l    |
|   | Intermittent use/release  | 1 mg/l      |
|   | Marine water              | 0,01 mg/l   |
|   | Intermittent use/release  | 1 mg/l      |
|   | Fresh water sediment      | 23,28 mg/kg |
|   | Marine sediment           | 2,33 mg/kg  |
|   | Sewage treatment plant    | 100 mg/l    |
|   | Soil                      | 4,58 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:  
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



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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.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|                |                  |
|----------------|------------------|
| Physical state | : liquid         |
| Appearance     | : paste          |
| Colour         | : beige          |
| Odour          | : characteristic |

|                                       |                     |
|---------------------------------------|---------------------|
| Melting point/ range / Freezing point | : No data available |
|---------------------------------------|---------------------|

|                             |                     |
|-----------------------------|---------------------|
| Boiling point/boiling range | : No data available |
|-----------------------------|---------------------|

|                           |                     |
|---------------------------|---------------------|
| Flammability (solid, gas) | : No data available |
|---------------------------|---------------------|

#### Upper/lower flammability or explosive limits

|  |                     |
|--|---------------------|
| Upper explosion limit / Upper flammability limit | : No data available |
|--|---------------------|

|  |                     |
|--|---------------------|
| Lower explosion limit / Lower flammability limit | : No data available |
|--|---------------------|

|             |                                   |
|-------------|-----------------------------------|
| Flash point | : ca. 80 °C<br>Method: closed cup |
|-------------|-----------------------------------|

|                           |                     |
|---------------------------|---------------------|
| Auto-ignition temperature | : No data available |
|---------------------------|---------------------|

|                           |                     |
|---------------------------|---------------------|
| Decomposition temperature | : No data available |
|---------------------------|---------------------|

|    |                     |
|----|---------------------|
| pH | : No data available |
|----|---------------------|

#### Viscosity

|                      |                                     |
|----------------------|-------------------------------------|
| Viscosity, kinematic | : > 20,5 mm <sup>2</sup> /s (40 °C) |
|----------------------|-------------------------------------|

#### Solubility(ies)

|                  |             |
|------------------|-------------|
| Water solubility | : insoluble |
|------------------|-------------|

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

|                 |            |
|-----------------|------------|
| Vapour pressure | : 0,01 hPa |
|-----------------|------------|

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Density : ca. 1,15 g/cm<sup>3</sup> (20 °C)

Relative vapour density : No data available

### 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 : No hazards to be specially mentioned.

### 10.4 Conditions to avoid

Conditions to avoid : Avoid moisture.

### 10.5 Incompatible materials

Materials to avoid : No data available

### 10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Not classified based on available information.

#### Components:

##### **Urea,N,N''-(methylenedi-4,1-phenylene)bis[N'-butyl-:**

Acute oral toxicity : LD50 Oral (Rat): > 2.000 mg/kg  
Method: OECD Test Guideline 401

Acute dermal toxicity : LD50 Dermal (Rabbit): > 2.000 mg/kg  
Method: OECD Test Guideline 402

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

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

##### **4,4'-methylenediphenyl diisocyanate:**

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

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Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50: 1,5 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: Expert judgement

Acute toxicity estimate: 1,5 mg/l  
Test atmosphere: dust/mist  
Method: Calculation method

### **Reaction product of Hexamethylene diisocyanate, oligomers with Mercaptopropyltrimethoxysilane:**

Acute oral toxicity : LD50 Oral (Rat): > 2.000 mg/kg  
Method: OECD Test Guideline 423

Acute dermal toxicity : LD50 Dermal (Rat): > 2.000 mg/kg  
Method: OECD Test Guideline 402

### **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

### **dibutyltin dichloride:**

Acute oral toxicity : LD50 Oral (Rat): 219 mg/kg

Acute toxicity estimate: 219 mg/kg  
Method: Calculation method

### **Skin corrosion/irritation**

Causes skin irritation.

### **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 based on available information.

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### **Carcinogenicity**

Not classified based on available information.

### **Reproductive toxicity**

Not classified based on available information.

### **STOT - single exposure**

Not classified based on available information.

### **STOT - repeated exposure**

Not classified based on available information.

### **Aspiration toxicity**

Not classified based on available information.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### **Components:**

#### **Urea,N,N''-(methylenedi-4,1-phenylene)bis[N'-butyl-:**

Toxicity to fish : LC50 (Brachydanio rerio (zebrafish)): > 250 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): > 100 mg/l  
aquatic invertebrates Exposure time: 48 h

Toxicity to algae/aquatic : EC50 (Raphidocelis subcapitata (freshwater green alga)): >  
plants 100 mg/l  
Exposure time: 72 h

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

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

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

#### **Reaction product of Hexamethylene diisocyanate, oligomers with Mercaptopropyltrimethoxysilane:**

Toxicity to fish : LC50 (Brachydanio rerio (zebrafish)): > 100 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): > 100 mg/l  
aquatic invertebrates Exposure time: 48 h  
Method: OECD Test Guideline 202

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Toxicity to algae/aquatic plants : EC50 (Pseudokirchneriella subcapitata (algae)): > 100 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

### **dibutyltin dichloride:**

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): 1,4 mg/l  
Exposure time: 48 h

M-Factor (Acute aquatic toxicity) : 10

M-Factor (Chronic aquatic toxicity) : 10

### **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 : There is no data available for this product.

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## **SECTION 13: Disposal considerations**

### **13.1 Waste treatment methods**

Country RS 000000019870

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|                          |   |
|--------------------------|---|
| Product                  | : The generation of waste should be avoided or minimized wherever possible.<br>Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way.<br>Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.<br>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.<br>Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. |
| European Waste Catalogue | : 08 04 09* waste adhesives and sealants 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  | : Not regulated as a dangerous good |
| IMDG | : Not regulated as a dangerous good |
| IATA | : Not regulated as a dangerous good |

#### 14.2 UN proper shipping name

|      |                                     |
|------|-------------------------------------|
| ADR  | : Not regulated as a dangerous good |
| IMDG | : Not regulated as a dangerous good |
| IATA | : Not regulated as a dangerous good |

#### 14.3 Transport hazard class(es)

|      |                                     |
|------|-------------------------------------|
| ADR  | : Not regulated as a dangerous good |
| IMDG | : Not regulated as a dangerous good |
| IATA | : Not regulated as a dangerous good |

#### 14.4 Packing group

|                  |                                     |
|------------------|-------------------------------------|
| ADR              | : Not regulated as a dangerous good |
| IMDG             | : Not regulated as a dangerous good |
| IATA (Cargo)     | : Not regulated as a dangerous good |
| IATA (Passenger) | : Not regulated as a dangerous good |

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### 14.5 Environmental hazards

Not regulated as a dangerous good

### 14.6 Special precautions for user

Not applicable

### 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, Nr. 90/2013, 25/2015, 2/2016, 44/2017, 36/2018, 9/2020 and 57/2022) (Annex 1) : Conditions of restriction for the following entries should be considered:  
Number on list 3  
1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters, C10-rich (Number on list 52)  
4,4'-methylenediphenyl diisocyanate (Number on list 56)

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 (EC) 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 dichloride

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Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

Not applicable

Volatile organic compounds : Law on the incentive tax for volatile organic compounds (VOCV)  
Volatile organic compounds (VOC) content: 3,11% w/w

Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)  
Volatile organic compounds (VOC) content: 3,11% w/w

### Other regulations:

Rulebook on the content of a safety data sheet (Official Gazette No. 100/11)

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)

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

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

|      |   |
|------|---|
| H226 | : Flammable liquid and vapour.                  |
| H301 | : Toxic if swallowed.                           |
| H304 | : May be fatal if swallowed and enters airways. |
| H312 | : Harmful in contact with skin.                 |
| 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.                           |



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|        |   |
|--------|---|
| H334   | : May cause allergy or asthma symptoms or breathing difficulties if inhaled.    |
| H335   | : May cause respiratory irritation.   |
| H341   | : Suspected of causing genetic defects.   |
| H351   | : Suspected of causing cancer.  |
| H360FD | : May damage fertility. May damage the unborn child.                            |
| H370   | : Causes damage to organs.  |
| H372   | : Causes damage to organs through prolonged or repeated exposure.               |
| 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.                            |
| H413   | : May cause long lasting harmful effects to aquatic life.                       |

### 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  |
| Carc.              | : Carcinogenicity  |
| Eye Dam.           | : Serious eye damage   |
| Eye Irrit.         | : Eye irritation   |
| Flam. Liq.         | : Flammable liquids  |
| Muta.              | : Germ cell mutagenicity   |
| Repr.              | : Reproductive toxicity  |
| Resp. Sens.        | : Respiratory sensitisation  |
| Skin Corr.         | : Skin corrosion   |
| 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   |
| 2017/164/EU        | : Europe. Commission Directive 2017/164/EU establishing a fourth 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  |
| 2017/164/EU / STEL | : Short term exposure limit  |
| 2017/164/EU / TWA  | : Limit Value - eight hours  |
| RS OEL / GVI       | : occupational exposure limit  |
| RS OEL / KGVl      | : 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   |

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|        |  |
|--------|--|
| IATA   | : International Air Transport Association  |
| IMDG   | : International Maritime Code for Dangerous Goods  |
| LD50   | : Median lethal dosis (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   |

### Further information

#### Classification of the mixture:

|               |      |
|---------------|------|
| Skin Irrit. 2 | H315 |
| Eye Irrit. 2  | H319 |
| Resp. Sens. 1 | H334 |
| Skin Sens. 1  | H317 |

#### Classification procedure:

|                    |
|--------------------|
| Calculation method |
| Calculation method |
| Calculation method |
| 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