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

#### **1.1 Product identifier**

Trade name

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

Product use : Epoxy coating

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

| Company name of supplier | : Sika Poland Spółka z o.o. |
|--------------------------|-----------------------------|
|                          | Karczunkowska 89            |
|                          | 02-871 Warszawa             |
| Telephone                | : +48 22 27 28 700          |
| Telefax                  | : +48 22 27 28 800          |
| E-mail address of person | : EHS@pl.sika.com           |
| responsible for the SDS  | ·                           |

#### 1.4 Emergency telephone number

112

#### **SECTION 2: Hazards identification**

# 2.1 Classification of the substance or mixture

| Classification (REGULATION (EC) No 12               | 72/2008)   |
|---|--|
| Skin irritation, Category 2                         | H315: Causes skin irritation.                          |
| Eye irritation, Category 2                          | H319: Causes serious eye irritation.                   |
| Skin sensitisation, Category 1                      | H317: May cause an allergic skin reaction.             |
| Long-term (chronic) aquatic hazard, Cat-<br>egory 2 | H411: Toxic to aquatic life with long lasting effects. |

#### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

| Hazard pictograms | : |         |                         |  |
|-------------------|---|---------|-------------------------|--|
| Signal word       | : | Warning |                         |  |
| Hazard statements | : | H315    | Causes skin irritation. |  |



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|--|--|--|-----------------------|
|  | H319 Ca  | y cause an allergic skin reaction.<br>uses serious eye irritation.<br>kic to aquatic life with long lasting o  | effects.              |
| Precautionary statements :                         | <b>Prevention:</b><br>P261<br>P264<br>P273<br>P280 | Avoid breathing mist or vapours<br>Wash skin thoroughly after hand<br>Avoid release to the environmer<br>Wear protective gloves/ eye prot<br>protection. | lling.<br>ht.         |
|  | Response:  |  |                       |
|  | P333 + P313  | If skin irritation or rash occurs: G advice/ attention.  | Set medical           |
|  | P391   | Collect spillage.  |                       |

#### Hazardous components which must be listed on the label:

Reaction mass of isomers of epoxy resin BFDGE reaction products of 2,2-dimethylpropane- 1,3-diol with 1-chloro-2,3-epoxypropane bis-[4-(2,3-epoxipropoxi)phenyl]propane p-tert-butylphenyl 1-(2,3-epoxy)propyl ether

#### Additional Labelling

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

#### 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.

Ecological information: 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.

Toxicological information: 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 3: Composition/information on ingredients**

#### 3.2 Mixtures

#### Components

| Chemical name   | CAS-No.<br>EC-No.<br>Registration number               | Classification   | Concentration<br>(% w/w) |
|---|--|--|--------------------------|
| Reaction mass of isomers of epoxy resin BFDGE   | Not Assigned<br>701-263-0<br>01-2119454392-40-<br>XXXX | Skin Irrit. 2; H315<br>Skin Sens. 1A; H317<br>Aquatic Chronic 2;<br>H411   | >= 25 - < 40             |
| benzyl alcohol  | 100-51-6<br>202-859-9<br>01-2119492630-38-<br>XXXX     | Acute Tox. 4; H302<br>Acute Tox. 4; H332<br>Eye Irrit. 2; H319<br>Skin Sens. 1B; H317<br>Acute toxicity esti-<br>mate<br>Acute oral toxicity:<br>1.200 mg/kg | >= 2,5 - < 5             |
| reaction products of 2,2-<br>dimethylpropane- 1,3-diol with 1-<br>chloro-2,3-epoxypropane | Not Assigned<br>701-333-0<br>01-2120759332-55-<br>XXXX | Skin Irrit. 2; H315<br>Eye Irrit. 2; H319<br>Skin Sens. 1; H317<br>Aquatic Chronic 3;<br>H412  | >= 2,5 - < 5             |
| bis(isopropyl)naphthalene   | 38640-62-9<br>254-052-6<br>01-2119565150-48-<br>XXXX   | Asp. Tox. 1; H304<br>Aquatic Chronic 1;<br>H410  | >= 1 - < 2,5             |
| bis-[4-(2,3-<br>epoxipropoxi)phenyl]propane   | 1675-54-3<br>216-823-5<br>01-2119456619-26-<br>XXXX    | Skin Irrit. 2; H315<br>Eye Irrit. 2; H319<br>Skin Sens. 1; H317<br>Aquatic Chronic 2;<br>H411  | >= 1 - < 2,5             |
|   |  | specific concentration<br>limit<br>Eye Irrit. 2; H319<br>>= 5 %  |                          |
|   |  | specific concentration<br>limit<br>Skin Irrit. 2; H315<br>>= 5 %   |                          |
| p-tert-butylphenyl 1-(2,3-<br>epoxy)propyl ether  | 3101-60-8<br>221-453-2<br>01-2119959496-20-<br>XXXX    | Skin Sens. 1; H317<br>Aquatic Chronic 2;<br>H411   | >= 0,5 - < 1             |

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|--|-----------|--|----------------------|
| Substances with a workpla                          | ce expos  | sure limit :   |                      |
| Titanium dioxide (> 10 μm)                         |           | 13463-67-7<br>236-675-5<br>01-2119489379-17-<br>XXXX   | >= 2,5 - < 5         |
| For explanation of abbrevia                        | ations se | e section 16.  |                      |
| SECTION 4: First aid meas                          | ures      |  |                      |
| .1 Description of first aid me                     | asures    |  |                      |
| General advice                                     | (         | Move out of dangerous area.<br>Consult a physician.<br>Show this safety data sheet to the do   | octor in attendance. |
| If inhaled   |           | Move to fresh air.<br>Consult a physician after significant e  | exposure.            |
| In case of skin contact                            | ١         | Take off contaminated clothing and s<br>Wash off with soap and plenty of wat<br>f symptoms persist, call a physician.                          | ter.                 |
| In case of eye contact                             | F         | mmediately flush eye(s) with plenty<br>Remove contact lenses.<br>Keep eye wide open while rinsing.<br>f eye irritation persists, consult a spe |                      |
| If swallowed                                       | F         | Do not induce vomiting without medi<br>Rinse mouth with water.<br>Do not give milk or alcoholic beverag  |                      |

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

| 4.2 WOSt Important Sympto  | ins and effects, both acute and delayed   |
|----------------------------|---|
| Symptoms                   | <ul> <li>Allergic reactions         Excessive lachrymation             Erythema             Dermatitis             See Section 11 for more detailed information on health effects             and symptoms.     </li> </ul> |
| Risks                      | : irritant effects<br>sensitising effects   |
|                            | Causes skin irritation.   |
|                            | May cause an allergic skin reaction.  |
|                            | Causes serious eye irritation.  |
| 4.3 Indication of any imme | diate medical attention and special treatment needed  |
| Treatment                  | : Treat symptomatically.  |

Never give anything by mouth to an unconscious person.

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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 diox-<br>ide/sand/foam/alcohol resistant foam/chemical powder for<br>extinction.  |
|-----|---|-----|---|
| 5.2 | Special hazards arising from                  | the | substance or mixture  |
|     | Specific hazards during fire-<br>fighting     | :   | Do not allow run-off from fire fighting to enter drains or water courses.   |
|     | Hazardous combustion prod-<br>ucts            | :   | 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                           | :   | 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. |
|     |   |     |   |

# **SECTION 6: Accidental release measures**

| 6.1 | Personal precautions, protec | tive | equipment and emergency procedures   |
|-----|------------------------------|------|--|
|     | Personal precautions         | :    | Use personal protective equipment.<br>Deny access to unprotected persons.  |
| 6.2 | Environmental precautions    |      |  |
|     | Environmental precautions    | :    | Do not flush into surface water or sanitary sewer system.<br>If the product contaminates rivers and lakes or drains inform<br>respective authorities.          |
| 6.3 | Methods and material for con | tair | nment and cleaning up  |
|     | Methods for cleaning up      | :    | Soak up with inert absorbent material (e.g. sand, silica gel,<br>acid binder, universal binder, sawdust).<br>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                         | :   | <ul> <li>Avoid exceeding the given occupational exposure limits (see section 8).</li> <li>Do not get in eyes, on skin, or on clothing.</li> <li>For personal protection see section 8.</li> <li>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.</li> <li>Smoking, eating and drinking should be prohibited in the application area.</li> <li>Follow standard hygiene measures when handling chemical products</li> </ul> |
|-----|---|-----|--|
|     | 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,                    | inc | luding any incompatibilities   |
|     | Requirements for storage areas and containers   | :   | Keep container tightly closed in a dry and well-ventilated<br>place. Containers which are opened must be carefully re-<br>sealed and kept upright to prevent leakage. Store in accord-<br>ance with local regulations.   |
|     | Further information on stor-<br>age 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         | Control parame- | Basis * |  |
|---|------------|--------------------------|-----------------|---------|--|
|   |            | of exposure)             | ters *          |         |  |
| Titanium dioxide (> 10 μm)  | 13463-67-7 | NDS (inhalable fraction) | 10 mg/m3        | PL OEL  |  |
| benzyl alcohol  | 100-51-6   | NDS                      | 240 mg/m3       | PL OEL  |  |
| *The above mentioned values are in accordance with the legislation in effect at the date of the re- |            |                          |                 |         |  |

The above mentioned values are in accordance with the legislation in effect at the date of the re-

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lease of this safety data sheet.

#### 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<br>Eye wash bottle with pure water   |  |  |  |
| Hand protection :             | Chemical-resistant, impervious gloves complying with an ap-<br>proved standard must be worn at all times when handling<br>chemical products. Reference number EN 374. Follow manu-<br>facturer specifications.  |  |  |  |
|                               | Suitable for short time use or protection against splashes:<br>Butyl rubber/nitrile rubber gloves (> 0,1 mm)<br>Contaminated gloves should be removed.<br>Suitable for permanent exposure:<br>Viton gloves (0.4 mm),<br>breakthrough time >30 min.  |  |  |  |
| Skin and body protection :    | Protective clothing (e.g. Safety shoes acc. to EN ISO 20345,<br>long-sleeved working clothing, long trousers). Rubber aprons<br>and protective boots are additionaly recommended for mixing<br>and stirring work.   |  |  |  |
| Respiratory protection :      | In case of inadequate ventilation wear respiratory protection.<br>Respirator selection must be based on known or anticipated<br>exposure levels, the hazards of the product and the safe work-<br>ing limits of the selected respirator.<br>organic vapor filter (Type A)<br>A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm<br>Ensure adequate ventilation. This can be achieved by local<br>exhaust extraction or by general ventilation. (EN 689 - Meth-<br>ods for determining inhalation exposure). This applies in par-<br>ticular to the mixing / stirring area. In case this is not sufficient<br>to keep the concentrations under the occupational exposure<br>limits then respiration protection measures must be used. |  |  |  |
| Environmental exposure contr  | ols   |  |  |  |
| General advice :              | Do not flush into surface water or sanitary sewer system.<br>If the product contaminates rivers and lakes or drains inform<br>respective authorities.   |  |  |  |

# **SECTION 9: Physical and chemical properties**

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

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|---|------------------------------------|-----------------------------|---------------------|
| Physical state<br>Appearance<br>Colour              | liquid<br>viscous<br>grey          |                             |                     |
| Odour   | epoxy-like                         |                             |                     |
| Melting point/ range / Freez-<br>ing point          | No data available                  | 3                           |                     |
| Boiling point/boiling range                         | No data available                  | Э                           |                     |
| Flammability (solid, gas)                           | No data available                  | 9                           |                     |
| Upper/lower flammability or                         | plosive limits                     |                             |                     |
| Upper explosion limit / Upper flammability limit    | No data available                  | Э                           |                     |
| Lower explosion limit /<br>Lower flammability limit | No data available                  | 9                           |                     |
| Flash point   | Not applicable                     |                             |                     |
| Auto-ignition temperature                           | No data available                  | 9                           |                     |
| Decomposition temperature                           | No data available                  | Э                           |                     |
| рН  | Not applicable<br>substance/mixtur | re is non-soluble (in water | )                   |
| Viscosity   |                                    |                             |                     |
| Viscosity, dynamic                                  | ca. 3.850 mPa.s                    | (20 °C)                     |                     |
| Viscosity, kinematic                                | No data available                  | Э                           |                     |
| Solubility(ies)                                     |                                    |                             |                     |
| Water solubility                                    | insoluble                          |                             |                     |
| Partition coefficient: n-<br>octanol/water          | No data available                  | 3                           |                     |
| Vapour pressure                                     | 0,01 hPa                           |                             |                     |
| ountry DL 10000052402                               |                                    |                             | 0 / 10              |



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|--|---|-----------------------|--|--|
| Density  | : ca. 1,8 g/cm3 (20 °C)                   |                       |  |  |
| Relative vapour density  | : No data available                       |                       |  |  |
| Particle characteristics   | : No data available                       |                       |  |  |
| 9.2 Other information  |   |                       |  |  |
| No data available  |   |                       |  |  |
| <ul> <li>10.1 Reactivity No dangerous reaction know </li> <li>10.2 Chemical stability The product is chemically statement of the product of the product is chemically statement of the product of the produ</li></ul> | n under conditions of normal use.<br>ble. |                       |  |  |
| 10.3 Possibility of hazardous re   |   |                       |  |  |
| Hazardous reactions  | : Stable under recommended storage of     | conditions.           |  |  |
| 10.4 Conditions to avoid   |   |                       |  |  |
| Conditions to avoid  | : No data available                       |                       |  |  |
| 10.5 Incompatible materials  |   |                       |  |  |
| Materials to avoid   | : No data available                       |                       |  |  |
| 10.6 Hazardous decomposition products  |   |                       |  |  |
|  | :<br>No hazardous decomposition product   | s are known.          |  |  |

# **SECTION 11: Toxicological information**

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

#### Acute toxicity

Not classified due to lack of data.

### **Components:**

#### benzyl alcohol:

Acute oral toxicity

: Acute toxicity estimate: 1.200 mg/kg Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008

: LC50 (Rat): > 5,64 mg/l Exposure time: 4 h

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Acute oral toxicity

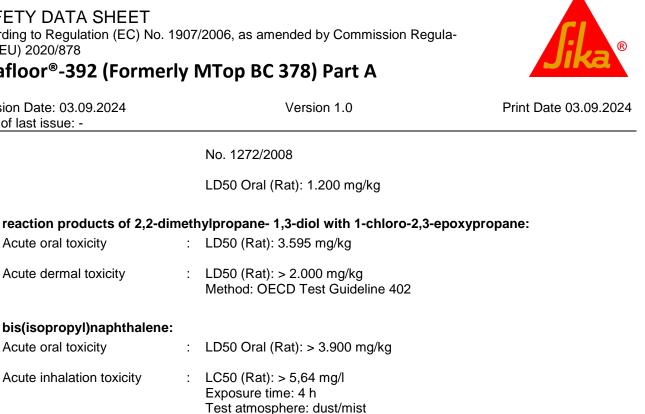
Acute oral toxicity

Acute dermal toxicity

Acute inhalation toxicity

bis(isopropyl)naphthalene:

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| Acute dermal toxicity | : | LD50 Dermal | (Rat): > 4.500 mg/kg |
|-----------------------|---|-------------|----------------------|

#### bis-[4-(2,3-epoxipropoxi)phenyl]propane:

| Acute oral toxicity   | : | LD50 Oral (Rat): > 5.000 mg/kg      |
|-----------------------|---|-------------------------------------|
| Acute dermal toxicity | : | LD50 Dermal (Rabbit): > 5.000 mg/kg |

#### p-tert-butylphenyl 1-(2,3-epoxy)propyl ether:

| Acute oral toxicity       | : | LD50 Oral (Rat): > 5.000 mg/kg   |
|---------------------------|---|--|
| Acute inhalation toxicity | : | LC50 (Rat): 3.466 mg/l<br>Exposure time: 4 h<br>Test atmosphere: dust/mist |

| Acute dermal toxicity : | : | LD50 Dermal | (Rabbit): | 6.000 mg/kg |
|-------------------------|---|-------------|-----------|-------------|
|-------------------------|---|-------------|-----------|-------------|

# 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**

Not classified due to lack of data.

#### Germ cell mutagenicity

Not classified due to lack of data.





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# Carcinogenicity

Not classified due to lack of data.

#### **Reproductive toxicity**

Not classified due to lack of data.

#### STOT - single exposure

Not classified due to lack of data.

#### STOT - repeated exposure

Not classified due to lack of data.

#### Aspiration toxicity

Not classified due to lack of data.

#### 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.

#### **SECTION 12: Ecological information**

#### 12.1 Toxicity

#### **Components:**

#### Reaction mass of isomers of epoxy resin BFDGE:

| Toxicity to fish                                    | : | LC50 (Leuciscus idus (Golden orfe)): 2,54 mg/l<br>Exposure time: 96 h |
|---|---|---|
| Toxicity to daphnia and other aquatic invertebrates | : | LC50 (Daphnia magna (Water flea)): 2,55 mg/l<br>Exposure time: 48 h   |
| Toxicity to algae/aquatic plants                    | : | EC50 (algae): 1,8 mg/l<br>Exposure time: 72 h                         |
| benzyl alcohol:                                     |   |   |
| Toxicity to fish                                    | : | LC50 (Fish): > 100 mg/l<br>Exposure time: 96 h                        |
| Toxicity to daphnia and other                       |   |   |

#### bis-[4-(2,3-epoxipropoxi)phenyl]propane:



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|---|-----|---|--------------------------|
| Toxicity to fish  | :   | LC50 (Oncorhynchus mykiss (rainbow trout)): 2<br>Exposure time: 96 h  | mg/l                     |
| Toxicity to daphnia and other aquatic invertebrates           | :   | EC50 (Daphnia magna (Water flea)): 1,8 mg/l<br>Exposure time: 48 h  |                          |
| <b>12.2 Persistence and degradabilit</b><br>No data available | ty  |   |                          |
| <b>12.3 Bioaccumulative potential</b><br>No data available    |     |   |                          |
| <b>12.4 Mobility in soil</b><br>No data available             |     |   |                          |
| 12.5 Results of PBT and vPvB as                               | se  | ssment  |                          |
| Product:  |     |   |                          |
| Assessment  | :   | This substance/mixture contains no components<br>to be either persistent, bioaccumulative and toxi<br>very persistent and very bioaccumulative (vPvB<br>0.1% or higher  | c (PBT), or              |
| 12.6 Endocrine disrupting proper                              | tie | es  |                          |
| Product:  |     |   |                          |
| Assessment  | :   | The substance/mixture does not contain compo<br>ered to have endocrine disrupting properties acc<br>REACH Article 57(f) or Commission Delegated<br>(EU) 2017/2100 or Commission Regulation (EU<br>levels of 0.1% or higher. | cording to<br>regulation |
| 12.7 Other adverse effects                                    |     |   |                          |
| Product:  |     |   |                          |
| Additional ecological infor-<br>mation                        | :   | An environmental hazard cannot be excluded in<br>unprofessional handling or disposal.<br>Toxic to aquatic life with long lasting effects.   | the event of             |
| SECTION 13: Disposal conside                                  | er  | ations  |                          |
|   |     |   |                          |
| 13.1 Waste treatment methods                                  |     |   |                          |

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

### **SECTION 14: Transport information**

| 14.1 UN number or ID number     |   |  |                                   |
|---------------------------------|---|--|-----------------------------------|
| ADR                             | : | UN 3082                                  |                                   |
| IMDG                            | : | UN 3082                                  |                                   |
| ΙΑΤΑ                            | : | UN 3082                                  |                                   |
| 14.2 UN proper shipping name    |   |  |                                   |
| ADR                             | : | ENVIRONMENTAL<br>N.O.S.<br>(epoxy resin) | LY HAZARDOUS SUBSTANCE, LIQUID,   |
| IMDG                            | : | ENVIRONMENTAL<br>N.O.S.<br>(epoxy resin) | LY HAZARDOUS SUBSTANCE, LIQUID,   |
| ΙΑΤΑ                            | : | Environmentally ha (epoxy resin)         | zardous substance, liquid, n.o.s. |
| 14.3 Transport hazard class(es) |   |  |                                   |
|                                 |   | Class                                    | Subsidiary risks                  |
| ADR                             | : | 9  |                                   |
| IMDG                            | : | 9  |                                   |
| ΙΑΤΑ                            | : | 9  |                                   |
| 14.4 Packing group              |   |  |                                   |
| ADR                             |   |  |                                   |
| Packing group                   | ÷ | 111                                      |                                   |
| Classification Code             | : | M6                                       |                                   |
| Hazard Identification Number    | : | 90                                       |                                   |
| Labels                          | : | 9  |                                   |
| Tunnel restriction code         | : | (-)                                      |                                   |
| IMDG                            |   |  |                                   |
| Packing group                   | : | III                                      |                                   |
| Labels                          | : | 9  |                                   |
| EmS Code                        | • | F-A, S-F                                 |                                   |
| IATA (Cargo)                    |   |  |                                   |
| Packing instruction (cargo      | : | 964                                      |                                   |
|                                 |   |  |                                   |

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



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Revision Date: 03.09.2024 Version 1.0 Print Date 03.09.2024 Date of last issue: aircraft) Packing instruction (LQ) Y964 Packing group Ш Miscellaneous Labels IATA (Passenger) Packing instruction (passen-1 964 der aircraft) Packing instruction (LQ) Y964 Packing group Ш Labels Miscellaneous 14.5 Environmental hazards ADR Environmentally hazardous : yes IMDG Marine pollutant ves 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.

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) Conditions of restriction for the following entries should be considered: Number on list 3

Number on list 75:

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|--|--------------------------------|-------|---|--|--|
| REACH - Candidate List of Subs<br>Concern for Authorisation (Article   |                                | :     | None of the components are listed (=> 0.1 %). |  |  |
| REACH - List of substances subj<br>(Annex XIV)   | ect to authorisation           | :     | Not applicable                                |  |  |
| Regulation (EC) on substances the layer  | hat deplete the ozone          | :     | Not applicable                                |  |  |
| Regulation (EU) 2019/1021 on petants (recast)  | ersistent organic pollu-       | :     | Not applicable                                |  |  |
| Regulation (EU) No 649/2012 of<br>ment and the Council concerning<br>of dangerous chemicals  |                                | :     | Not applicable                                |  |  |
| Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of ma-<br>jor-accident hazards involving dangerous substances.<br>E2 ENVIRONMENTAL HAZARDS |                                |       |   |  |  |
| Volatile organic compounds :   | Law on the incentive ta (VOCV) | ax fo | for volatile organic compounds                |  |  |

Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: 4,66% w/w

Volatile organic compounds (VOC) content: 4,61% w/w

#### Other regulations:

Act of February 25, 2011 on chemical substances and their mixtures (i.e. Journal of Laws of 2020, item 2289)

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Official Journal of the European Union L 353 from 31.12.2008) with further adaptation to technical progress (ATP).

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, 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 (Official Journal of the European Union L 396 from 30.12.2006, as



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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)

Ordinance of the Minister of Family, Labour and Social Policy of 12 June 2018 concerning the highest allowable concentrations and levels of the agents harmful for health in the workplace (Dz.U 2018 pos 1286, with later amendments).

Ordinance of the Minister of Health of 2nd February 2011 concerning tests and measurement of agents harmful for health in the workplace (Dz. U. Nr. 33, item 166 with later amendments).

Ordinance of the Minister of Health of 30th December 2004 on the health and safety of workers related to chemical agents at work (consolidated text, Journal of Laws 2016 no. 0 item 1488)

Act of 14 December 2012. on Waste (Journal of Laws of 2013. pos. 21, as amended).

Act of 13 June 2013. On packaging and packaging waste (Journal. U. of 2013. Item. 888, as amended).

Ordinance of the Minister of Climate of 2nd January 2020 on Waste Catalog (Dz. U. 2020 item 10).

Ordinance of the Minister of Environment on the requirements for carrying out the process of thermal treatment of waste and how to deal with waste produced in the process. (Dz. U. of 2016., Pos. 108)

Act of 19 August 2011 on transport of dangerous goods (Dz. U. Nr. 227, item 1367, as amended).

Government Statement of February 15, 2021 on the entry into force of amendments to Annexes A and B to Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), drawn up in Geneva on September 30, 1957 (Journal of Laws 202 poz.874 as amended)

Act of July 29, 2005 on drug addiction prevention (Journal of Laws of 2005, No. 179, item 1485, with later amendments)

Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC

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.

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## **SECTION 16: Other information**

Full text of H-Statements

#### H302 Harmful if swallowed. : May be fatal if swallowed and enters airways. H304 H315 Causes skin irritation. : H317 May cause an allergic skin reaction. Causes serious eye irritation. H319 : Harmful if inhaled. H332 H410 Very toxic to aquatic life with long lasting effects. Toxic to aquatic life with long lasting effects. H411 Harmful to aquatic life with long lasting effects. H412 Full text of other abbreviations Acute Tox. Acute toxicity Aquatic Chronic Long-term (chronic) aquatic hazard : Asp. Tox. Aspiration hazard : Eye Irrit. Eve irritation : Skin Irrit. Skin irritation Skin Sens. Skin sensitisation PL OEL Ordinance of the Minister of Family, Labour and Social Policy of 12 June 2018 concerning the highest allowable concentrations and levels of the agents harmful for health in the workplace (Dz.U 2018 pos 1286, with later amendments) PL OEL / NDS Maximal Admissible Concentration 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** International Air Transport Association IATA : International Maritime Code for Dangerous Goods IMDG : Median lethal dosis (the amount of a material, given all at LD50 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 Substances of Very High Concern SVHC : vPvB Very persistent and very bioaccumulative



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#### **Further information**

| Classification of th | Classification procedure: |                    |
|----------------------|---------------------------|--------------------|
| Skin Irrit. 2        | H315                      | Calculation method |
| Eye Irrit. 2         | H319                      | Calculation method |
| Skin Sens. 1         | H317                      | Calculation method |
| Aquatic Chronic 2    | H411                      | 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 !

PL / EN