

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier:** PODKŁAD EPOKSYDOWY 1:1 - EPOXY PRIMER**Other means of identification:**

UFI: VHY9-U20Q-V000-FNSU

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

Relevant uses (Professional users): Coating for ferrous substrates with anticorrosive finish
Relevant uses (Industrial user): Coating for ferrous substrates with anticorrosive finish

Uses advised against: All uses not specified in this section or in section 7.3

1.3 Details of the supplier of the safety data sheet:

"BOLL" Wojciech Dalewski Spółka Jawna

ul. Chemiczna 3

65-713 Zielona Góra - Polska

Phone: 68 451 99 99 - Fax: 68 451 99 00

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1.4 Emergency telephone number:**SECTION 2: HAZARDS IDENTIFICATION ******2.1 Classification of the substance or mixture:****CLP Regulation (EC) No 1272/2008:**

Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.

Aquatic Chronic 2: Hazardous to the aquatic environment, long-term hazard, Category 2, H411

Eye Dam. 1: Serious eye damage, Category 1, H318

Flam. Liq. 3: Flammable liquids, Category 3, H226

Skin Irrit. 2: Skin irritation, Category 2, H315

Skin Sens. 1: Sensitisation, skin, Category 1, H317

STOT RE 2: Specific target organ toxicity — Repeated exposure, Hazard Category 2, H373

STOT SE 3: Respiratory tract toxicity, single exposure, Category 3, H335

2.2 Label elements:**CLP Regulation (EC) No 1272/2008:**

Danger

**Hazard statements:**

H226 - Flammable liquid and vapour.

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H318 - Causes serious eye damage.

H335 - May cause respiratory irritation.

H373 - May cause damage to organs through prolonged or repeated exposure.

H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements:

** Changes with regards to the previous version

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PODKŁAD EPOKSYDOWY 1:1 - EPOXY PRIMER**SECTION 2: HAZARDS IDENTIFICATION ** (continued)**

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260: Do not breathe vapours
P273: Avoid release to the environment.
P280: Wear protective gloves/face protection/protective clothing/respiratory protection/protective footwear.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a poison center/doctor.
P370+P378: In case of fire: Use Foam extinguisher (AB), Dry Chemical Powder (ABC) Fire Extinguisher, Carbon dioxide extinguisher (BC) to extinguish.
P391: Collect spillage.

Supplementary information:

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

Substances that contribute to the classification

reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight 700 < MW < 1100); Reaction mass of ethylbenzene and m-xylene and p-xylene; butan-1-ol; Xylene

UFI: VHY9-U20Q-V000-FNSU

2.3 Other hazards:

Product does not meet PBT/vPvB criteria

Endocrine-disrupting properties: The product does not meet the criteria.

** Changes with regards to the previous version

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS ****3.1 Substance:**

Not relevant

3.2 Mixture:

Chemical description: Mixture composed of chemical products

Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

| Identification | Chemical name/Classification | | Concentration |
|--|--|---|----------------------|
| CAS: 14807-96-6 EC: 238-877-9 Index: Not relevant REACH: 01-2120140278-58-XXXX | Talc⁽¹⁾ Regulation 1272/2008 | Not classified | 20 - <30% |
| CAS: 25068-38-6 EC: 500-033-5 Index: 603-074-00-8 REACH: Not relevant | reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight 700 < MW < 1100)⁽²⁾ Regulation 1272/2008 | Self-classified Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning | 10 - <20% |
| CAS: Not relevant EC: 905-562-9 Index: Not relevant REACH: 01-211955267-33-XXXX | Reaction mass of ethylbenzene and m-xylene and p-xylene⁽²⁾ Regulation 1272/2008 | Self-classified Acute Tox. 4: H312+H332; Asp. Tox. 1: H304; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H335 - Danger | 10 - <20% |
| CAS: 7779-90-0 EC: 231-944-3 Index: Not relevant REACH: 01-2119485044-40-XXXX | trizinc bis(orthophosphate)⁽²⁾ Regulation 1272/2008 | ATP CLP00 Aquatic Acute 1: H400; Aquatic Chronic 1: H410 - Warning | 2.5 - <10% |
| CAS: 71-36-3 EC: 200-751-6 Index: 603-004-00-6 REACH: 01-2119484630-38-XXXX | butan-1-ol⁽²⁾ Regulation 1272/2008 | Self-classified Acute Tox. 4: H302; Eye Dam. 1: H318; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT SE 3: H335; STOT SE 3: H336 - Danger | 3 - <10% |

⁽¹⁾ Voluntarily-listed substance failing to meet any of the criteria set out in Regulation (EU) No. 2020/878

⁽²⁾ Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS ** (continued)

| Identification | Chemical name/Classification | | Concentration |
|--|---|---|--|
| CAS: 1330-20-7 EC: 215-535-7 Index: 601-022-00-9 REACH: 01-2119488216-32-XXXX | Xylene⁽²⁾ Regulation 1272/2008 | Acute Tox. 4: H312+H332; Aquatic Chronic 3: H412; Asp. Tox. 1: H304; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H335 - Danger | Self-classified  1 - <10% |
| CAS: 1314-13-2 EC: 215-222-5 Index: 030-013-00-7 REACH: 01-2119463881-32-XXXX | zinc oxide⁽²⁾ Regulation 1272/2008 | ATP CLP00 Aquatic Acute 1: H400; Aquatic Chronic 1: H410 - Warning |  0.1 - <0.25% |

⁽¹⁾ Voluntarily-listed substance failing to meet any of the criteria set out in Regulation (EU) No. 2020/878

⁽²⁾ Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

Other information:

| Identification | Specific concentration limit |
|---|--------------------------------|
| Reaction mass of ethylbenzene and m-xylene and p-xylene CAS: Not relevant EC: 905-562-9 | % (w/w) >=10: STOT RE 2 - H373 |

Acute toxicity estimate for the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or as determined in accordance with Annex I to that Regulation:

| Identification | Acute toxicity | | Genus |
|---|------------------------|--------------|-------|
| Reaction mass of ethylbenzene and m-xylene and p-xylene CAS: Not relevant EC: 905-562-9 | LD50 oral | Not relevant | |
| | LD50 dermal | 1100 mg/kg | Rat |
| | LC50 inhalation vapour | 11 mg/L | |
| butan-1-ol CAS: 71-36-3 EC: 200-751-6 | LD50 oral | 500 mg/kg | |
| | LD50 dermal | Not relevant | |
| | LC50 inhalation vapour | Not relevant | |
| Xylene CAS: 1330-20-7 EC: 215-535-7 | LD50 oral | Not relevant | |
| | LD50 dermal | 1100 mg/kg | Rat |
| | LC50 inhalation vapour | 17 mg/L | Rat |

** Changes with regards to the previous version

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

Remove the person affected from the area of exposure, provide with fresh air and keep at rest. In serious cases such as cardiorespiratory failure, artificial resuscitation techniques will be necessary (mouth to mouth resuscitation, cardiac massage, oxygen supply, etc.) requiring immediate medical assistance.

By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

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

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SECTION 4: FIRST AID MEASURES (continued)

Acute and delayed effects are indicated in sections 2 and 11.

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

Not available

SECTION 5: FIREFIGHTING MEASURES**5.1 Extinguishing media:****Suitable extinguishing media:**

Foam extinguisher (AB), Dry Chemical Powder (ABC) Fire Extinguisher, Carbon dioxide extinguisher (BC)

Unsuitable extinguishing media:

Water jet

5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and Self Contained Breathing Apparatus. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures:****For non-emergency personnel:**

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

6.2 Environmental precautions:

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

6.3 Methods and material for containment and cleaning up:

It is recommended:

Prevent the entrance of product in drains, sewers or watercourses. Absorb the spill using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. Collect the product in appropriate containers and manage it according to current legislation.

Spillages in water or sea:

Small spillages:
Contain spillage using barriers or similar equipment. Use suitable absorbents for collection and treat the waste in accordance with current regulations.

Large spillages:

If possible, contain spillage in open water using barriers or similar equipment. If this is not possible, try to control its spread and collect the product with suitable mechanical means. Always consult experts before using dispersants and make sure you have the necessary approvals if they are to be used. Treat the waste according to current regulations.

6.4 Reference to other sections:

See sections 8 and 13.

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PODKŁAD EPOKSYDOWY 1:1 - EPOXY PRIMER**SECTION 7: HANDLING AND STORAGE****7.1 Precautions for safe handling:****A.- General precautions for safe use**

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

B.- Technical recommendations for the prevention of fires and explosions

Transfer in well ventilated areas, preferably through localized extraction. Fully control sources of ignition (mobile phones, sparks,...) and ventilate during cleaning operations. Avoid the existence of dangerous atmospheres inside containers, applying inertization systems where possible. Transfer at a slow speed to avoid the creation of electrostatic charges. Against the possibility of electrostatic charges: ensure a perfect equipotential connection, always use groundings, do not wear work clothes made of acrylic fibres, preferably wearing cotton clothing and conductive footwear. Comply with the essential security requirements for equipment and systems defined in Directive 2014/34/EC (ATEX 100) and with the minimum requirements for protecting the security and health of workers under the selection criteria of Directive 1999/92/EC (ATEX 137). Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.

7.2 Conditions for safe storage, including any incompatibilities:**A.- Specific storage requirements**

Minimum Temp.: 10 °C

Maximum Temp.: 25 °C

Maximum time: 24 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters:**

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Directive (EU) 2000/39, Directive 2004/37/EC, Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

| Identification | | Occupational exposure limits | | |
|---|---------------|------------------------------|---------|-----------------------|
| Reaction mass of ethylbenzene and m-xylene and p-xylene | | IOELV (8h) | 50 ppm | 221 mg/m ³ |
| CAS: Not relevant | EC: 905-562-9 | IOELV (STEL) | 100 ppm | 442 mg/m ³ |
| Xylene ⁽¹⁾ | | IOELV (8h) | 50 ppm | 221 mg/m ³ |
| CAS: 1330-20-7 | EC: 215-535-7 | IOELV (STEL) | 100 ppm | 442 mg/m ³ |

⁽¹⁾ Skin

DNEL (Workers):

| Identification | | Short exposure | | Long exposure | |
|---|------------|------------------------|-----------------------|------------------------|-----------------------|
| | | Systemic | Local | Systemic | Local |
| Talc | Oral | Not relevant | Not relevant | Not relevant | Not relevant |
| CAS: 14807-96-6 | Dermal | Not relevant | Not relevant | 43,2 mg/kg | Not relevant |
| EC: 238-877-9 | Inhalation | 2,16 mg/m ³ | 3,6 mg/m ³ | 2,16 mg/m ³ | 3,6 mg/m ³ |
| reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight 700 < MW < 1100) | Oral | Not relevant | Not relevant | Not relevant | Not relevant |
| CAS: 25068-38-6 | Dermal | Not relevant | Not relevant | 0,75 mg/kg | Not relevant |
| EC: 500-033-5 | Inhalation | Not relevant | Not relevant | 4,93 mg/m ³ | Not relevant |

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

| Identification | Short exposure | | Long exposure | |
|---|----------------|-----------------------|-----------------------|-----------------------|
| | Systemic | Local | Systemic | Local |
| Reaction mass of ethylbenzene and m-xylene and p-xylene CAS: Not relevant EC: 905-562-9 | Oral | Not relevant | Not relevant | Not relevant |
| | Dermal | Not relevant | Not relevant | 212 mg/kg |
| | Inhalation | 442 mg/m ³ | 442 mg/m ³ | 221 mg/m ³ |
| trizinc bis(orthophosphate) CAS: 7779-90-0 EC: 231-944-3 | Oral | Not relevant | Not relevant | Not relevant |
| | Dermal | Not relevant | Not relevant | 83 mg/kg |
| | Inhalation | Not relevant | Not relevant | 5 mg/m ³ |
| butan-1-ol CAS: 71-36-3 EC: 200-751-6 | Oral | Not relevant | Not relevant | Not relevant |
| | Dermal | Not relevant | Not relevant | Not relevant |
| | Inhalation | Not relevant | Not relevant | 310 mg/m ³ |
| Xylene CAS: 1330-20-7 EC: 215-535-7 | Oral | Not relevant | Not relevant | Not relevant |
| | Dermal | Not relevant | Not relevant | 212 mg/kg |
| | Inhalation | 442 mg/m ³ | 442 mg/m ³ | 221 mg/m ³ |
| zinc oxide CAS: 1314-13-2 EC: 215-222-5 | Oral | Not relevant | Not relevant | Not relevant |
| | Dermal | Not relevant | Not relevant | 83 mg/kg |
| | Inhalation | Not relevant | Not relevant | 5 mg/m ³ |
| DNEL (General population): | | | | |

| Identification | Short exposure | | Long exposure | |
|--|----------------|------------------------|-----------------------|--------------------------|
| | Systemic | Local | Systemic | Local |
| Talc CAS: 14807-96-6 EC: 238-877-9 | Oral | 160 mg/kg | Not relevant | 160 mg/kg |
| | Dermal | Not relevant | Not relevant | 21,6 mg/kg |
| | Inhalation | 1,08 mg/m ³ | 1,8 mg/m ³ | 1,08 mg/m ³ |
| reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight 700 < MW < 1100) CAS: 25068-38-6 EC: 500-033-5 | Oral | Not relevant | Not relevant | 0,5 mg/kg |
| | Dermal | Not relevant | Not relevant | 0,0893 mg/kg |
| | Inhalation | Not relevant | Not relevant | 0,87 mg/m ³ |
| Reaction mass of ethylbenzene and m-xylene and p-xylene CAS: Not relevant EC: 905-562-9 | Oral | Not relevant | Not relevant | 12,5 mg/kg |
| | Dermal | Not relevant | Not relevant | 125 mg/kg |
| | Inhalation | 260 mg/m ³ | 260 mg/m ³ | 65,3 mg/m ³ |
| trizinc bis(orthophosphate) CAS: 7779-90-0 EC: 231-944-3 | Oral | Not relevant | Not relevant | 0,83 mg/kg |
| | Dermal | Not relevant | Not relevant | 83 mg/kg |
| | Inhalation | Not relevant | Not relevant | 2,5 mg/m ³ |
| butan-1-ol CAS: 71-36-3 EC: 200-751-6 | Oral | Not relevant | Not relevant | 1,562 mg/kg |
| | Dermal | Not relevant | Not relevant | 3,125 mg/kg |
| | Inhalation | Not relevant | Not relevant | 55,357 mg/m ³ |
| Xylene CAS: 1330-20-7 EC: 215-535-7 | Oral | Not relevant | Not relevant | 12,5 mg/kg |
| | Dermal | Not relevant | Not relevant | 125 mg/kg |
| | Inhalation | 260 mg/m ³ | 260 mg/m ³ | 65,3 mg/m ³ |
| zinc oxide CAS: 1314-13-2 EC: 215-222-5 | Oral | Not relevant | Not relevant | 0,83 mg/kg |
| | Dermal | Not relevant | Not relevant | 83 mg/kg |
| | Inhalation | Not relevant | Not relevant | 2,5 mg/m ³ |

PNEC:

| Identification | | | | |
|--|--------------|--------------|-------------------------|-------------|
| Talc CAS: 14807-96-6 EC: 238-877-9 | STP | Not relevant | Fresh water | 597,97 mg/L |
| | Soil | Not relevant | Marine water | 141,26 mg/L |
| | Intermittent | 597,97 mg/L | Sediment (Fresh water) | 31,33 mg/kg |
| | Oral | Not relevant | Sediment (Marine water) | 3,13 mg/kg |
| reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight 700 < MW < 1100) CAS: 25068-38-6 EC: 500-033-5 | STP | 10 mg/L | Fresh water | 0,006 mg/L |
| | Soil | 0,065 mg/kg | Marine water | 0,001 mg/L |
| | Intermittent | 0,018 mg/L | Sediment (Fresh water) | 0,341 mg/kg |
| | Oral | 0,011 g/kg | Sediment (Marine water) | 0,034 mg/kg |

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PODKŁAD EPOKSYDOWY 1:1 - EPOXY PRIMER

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

| Identification | | | | | |
|---|--------------|--------------|-------------------------|-------------|--|
| Reaction mass of ethylbenzene and m-xylene and p-xylene CAS: Not relevant EC: 905-562-9 | STP | 6,58 mg/L | Fresh water | 0,327 mg/L | |
| | Soil | 2,31 mg/kg | Marine water | 0,327 mg/L | |
| | Intermittent | 0,327 mg/L | Sediment (Fresh water) | 12,46 mg/kg | |
| | Oral | Not relevant | Sediment (Marine water) | 12,46 mg/kg | |
| trizinc bis(orthophosphate) CAS: 7779-90-0 EC: 231-944-3 | STP | 0,1 mg/L | Fresh water | 0,0206 mg/L | |
| | Soil | 35,6 mg/kg | Marine water | 0,0061 mg/L | |
| | Intermittent | Not relevant | Sediment (Fresh water) | 117,8 mg/kg | |
| | Oral | Not relevant | Sediment (Marine water) | 56,5 mg/kg | |
| butan-1-ol CAS: 71-36-3 EC: 200-751-6 | STP | 2476 mg/L | Fresh water | 0,082 mg/L | |
| | Soil | 0,017 mg/kg | Marine water | 0,008 mg/L | |
| | Intermittent | 2,25 mg/L | Sediment (Fresh water) | 0,324 mg/kg | |
| | Oral | Not relevant | Sediment (Marine water) | 0,032 mg/kg | |
| Xylene CAS: 1330-20-7 EC: 215-535-7 | STP | 6,58 mg/L | Fresh water | 0,327 mg/L | |
| | Soil | 2,31 mg/kg | Marine water | 0,327 mg/L | |
| | Intermittent | 0,327 mg/L | Sediment (Fresh water) | 12,46 mg/kg | |
| | Oral | Not relevant | Sediment (Marine water) | 12,46 mg/kg | |
| zinc oxide CAS: 1314-13-2 EC: 215-222-5 | STP | 0,1 mg/L | Fresh water | 0,0206 mg/L | |
| | Soil | 35,6 mg/kg | Marine water | 0,0061 mg/L | |
| | Intermittent | Not relevant | Sediment (Fresh water) | 117,8 mg/kg | |
| | Oral | Not relevant | Sediment (Marine water) | 56,5 mg/kg | |

8.2 Exposure controls:

A.- Individual protection measures, such as personal protective equipment

In accordance with the order of importance to control professional exposure (Directive 98/24/EC) it is recommended to use localized extraction in the work area as a collective protection measure to avoid exceeding the occupational exposure limits. In case of using personal protective equipment it should have CE marking in accordance with Directive 2016/425/EC. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For additional information see subsection 7.1.

All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

| Pictogram | PPE | Labelling | CEN Standard | Remarks |
|-----------|--|-----------|---------------------|--|
| | Filter mask for gases and vapours (Filter type: A) | | EN 405:2002+A1:2010 | Replace when there is a taste or smell of the contaminant inside the face mask. If the contaminant comes with warnings it is recommended to use isolation equipment. |

C.- Specific protection for the hands

| Pictogram | PPE | Labelling | CEN Standard | Remarks |
|-----------|---|-----------|-------------------|--|
| | Chemical protective gloves (Material: Linear low-density polyethylene (LLDPE), Breakthrough time: > 480 min, Thickness: 0.062 mm) | | EN ISO 21420:2020 | Replace the gloves at any sign of deterioration. |

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

D.- Eye and face protection

| Pictogram | PPE | Labelling | CEN Standard | Remarks |
|-----------|-------------|-----------|---|---|
| | Face shield | | EN 166:2002 UNE-EN ISO 18526-1 al 4:2020 UNE-EN ISO 18526-1 al 4:2020 EN ISO 4007:2018 | Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing. |

E.- Body protection

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PODKŁAD EPOKSYDOWY 1:1 - EPOXY PRIMER**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)**

| Pictogram | PPE | Labelling | CEN Standard | Remarks |
|---|---|---|---|---|
|  | Disposable clothing for protection against chemical risks, with antistatic and fireproof properties |  | EN 1149-1,2,3 EN 13034:2005+A1:2009 EN ISO 13982-1:2005/A1:2011 EN ISO 6529:2013 EN ISO 6530:2005 EN ISO 13688:2013 EN 464:1995 | For professional use only. Clean periodically according to the manufacturer's instructions. |
|  | Safety footwear for protection against chemical risk, with antistatic and heat resistant properties |  | EN ISO 13287:2020 EN ISO 20345:2022 EN 13832-1:2019 | Replace boots at any sign of deterioration. |

F.- Additional emergency measures

It is advised to implement additional emergency equipments in workplaces that are particularly exposed to the product or in situations where risk assessments highlight the necessity of such equipments.

| Emergency measure | Standards | Emergency measure | Standards |
|---|---|--|--|
|  | ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011 |  | DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011 |

Environmental exposure controls:

To comply with environmental protection regulations, it is recommended to prevent any spillage of the product and its container. For more detailed information, please refer to subsection 7.1.D.

Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

| | |
|---------------------------|---------------------------------|
| V.O.C. (Supply): | 39,48 % weight |
| V.O.C. density at 20 °C: | 540 kg/m ³ (540 g/L) |
| Average carbon number: | 7 |
| Average molecular weight: | 98,16 g/mol |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties:**

For complete information see the product datasheet.

Appearance:

| | |
|--------------------------|--|
| Physical state at 20 °C: | Liquid |
| Appearance: | Fluid |
| Colour: |  Grey |
| Odour: | Characteristic |
| Odour threshold: | Not available * |

Volatility:

| | |
|--|-----------------|
| Boiling point at atmospheric pressure: | 118 °C |
| Vapour pressure at 20 °C: | Not available * |
| Vapour pressure at 50 °C: | Not available * |
| Evaporation rate at 20 °C: | Not available * |

Product description:

| | |
|-----------------------------|------------------------|
| Density at 20 °C: | 1593 kg/m ³ |
| Relative density at 20 °C: | 1,593 |
| Dynamic viscosity at 20 °C: | Not available * |

*Not available due to the nature of the product, not providing information property of its hazards.

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PODKŁAD EPOKSYDOWY 1:1 - EPOXY PRIMER**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)**

| | |
|--|-----------------------------|
| Kinematic viscosity at 20 °C: | Not available * |
| Kinematic viscosity at 40 °C: | >20,5 mm ² /s |
| Concentration: | Not available * |
| pH: | Not available * |
| Vapour density at 20 °C: | Not available * |
| Partition coefficient n-octanol/water 20 °C: | Not available * |
| Solubility in water at 20 °C: | Not available * |
| Solubility properties: | Soluble in organic solvents |
| Decomposition temperature: | Not available * |
| Melting point/freezing point: | Not available * |
| Flammability: | |
| Flash Point: | 25 °C |
| Flammability (solid, gas): | Not available * |
| Autoignition temperature: | 343 °C |
| Lower flammability limit: | 1,1 % Volume |
| Upper flammability limit: | ≤11,3 % Volume |
| Particle characteristics: | |
| Median equivalent diameter: | Not available * |

9.2 Other information:**Information with regard to physical hazard classes:**

| | |
|--|-----------------|
| Explosive properties: | Not available * |
| Oxidising properties: | Not available * |
| Corrosive to metals: | Not available * |
| Heat of combustion: | Not available * |
| Aerosols-total percentage (by mass) of flammable components: | Not available * |

Other safety characteristics:

| | |
|------------------------------|-----------------|
| Surface tension at 20 °C: | Not available * |
| Refraction index: | Not available * |
| Time flow: >100 sec at 20 °C | |
| Cross section: 4 mm | |

Method: DIN 53211

*Not available due to the nature of the product, not providing information property of its hazards.

SECTION 10: STABILITY AND REACTIVITY**10.1 Reactivity:**

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

| Shock and friction | Contact with air | Increase in temperature | Sunlight | Humidity |
|--------------------|------------------|-------------------------|---------------------|----------------|
| Not applicable | Not applicable | Risk of combustion | Avoid direct impact | Not applicable |

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SECTION 10: STABILITY AND REACTIVITY (continued)**10.5 Incompatible materials:**

| Acids | Water | Oxidising materials | Combustible materials | Others |
|--------------------|----------------|---------------------|-----------------------|-------------------------------|
| Avoid strong acids | Not applicable | Avoid direct impact | Not applicable | Avoid alkalis or strong bases |

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION ****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:**

The experimental information related to the toxicological properties of the product itself is not available

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.

B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Causes irritation in respiratory passages, which is normally reversible and limited to the upper respiratory passages.

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Produces skin inflammation.
- Contact with the eyes: Produces serious eye damage after contact.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.
IARC: Reaction mass of ethylbenzene and m-xylene and p-xylene (3: Not classifiable as to its carcinogenicity to humans); Talc (3: Not classifiable as to its carcinogenicity to humans); Xylene (3: Not classifiable as to its carcinogenicity to humans)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.

F- Specific target organ toxicity (STOT) - single exposure:

Causes irritation in respiratory passages, which is normally reversible and limited to the upper respiratory passages.

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Exposure in high concentration can interfere with the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion, and in serious cases, loss of consciousness.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

H- Aspiration hazard:

** Changes with regards to the previous version

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SECTION 11: TOXICOLOGICAL INFORMATION ** (continued)

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

Other information:

Not relevant

Specific toxicology information on the substances:

| Identification | Acute toxicity | | Genus |
|--|------------------------|---------------|--------|
| Reaction mass of ethylbenzene and m-xylene and p-xylene CAS: Not relevant EC: 905-562-9 | LD50 oral | 5627 mg/kg | Mouse |
| | LD50 dermal | 1100 mg/kg | Rat |
| | LC50 inhalation vapour | 11 mg/L | |
| reaction product: bisphenol-A(epichlorhydrin), epoxy resin (number average molecular weight 700 < MW < 1100) CAS: 25068-38-6 EC: 500-033-5 | LD50 oral | >2000 mg/kg | |
| | LD50 dermal | >2000 mg/kg | |
| | LC50 inhalation dust | >5 mg/L | |
| trizinc bis(orthophosphate) CAS: 7779-90-0 EC: 231-944-3 | LD50 oral | >2000 mg/kg | |
| | LD50 dermal | >2000 mg/kg | |
| | LC50 inhalation dust | >5 mg/L | |
| butan-1-ol CAS: 71-36-3 EC: 200-751-6 | LD50 oral | 500 mg/kg | |
| | LD50 dermal | 3400 mg/kg | Rabbit |
| | LC50 inhalation vapour | 24 mg/L (4 h) | Rat |
| Talc CAS: 14807-96-6 EC: 238-877-9 | LD50 oral | >2000 mg/kg | |
| | LD50 dermal | >2000 mg/kg | |
| | LC50 inhalation dust | >5 mg/L | |
| Xylene CAS: 1330-20-7 EC: 215-535-7 | LD50 oral | 2100 mg/kg | Rat |
| | LD50 dermal | 1100 mg/kg | Rat |
| | LC50 inhalation vapour | 17 mg/L | Rat |
| zinc oxide CAS: 1314-13-2 EC: 215-222-5 | LD50 oral | 7950 mg/kg | Mouse |
| | LD50 dermal | >2000 mg/kg | |
| | LC50 inhalation dust | >5 mg/L | |

11.2 Information on other hazards:

Endocrine disrupting properties

Endocrine-disrupting properties: The product does not meet the criteria.

Other information

Not relevant

** Changes with regards to the previous version

SECTION 12: ECOLOGICAL INFORMATION **

The experimental information related to the eco-toxicological properties of the product itself is not available

Toxic to aquatic life with long lasting effects.

12.1 Toxicity:

Acute toxicity:

| Identification | Concentration | | Species | Genus |
|--|---------------|----------------------|-------------------|------------|
| Talc CAS: 14807-96-6 EC: 238-877-9 | LC50 | 100000 mg/L (24 h) | Brachydanio rerio | Fish |
| | EC50 | Not relevant | | |
| | EC50 | Not relevant | | |
| trizinc bis(orthophosphate) CAS: 7779-90-0 EC: 231-944-3 | LC50 | >0.1 - 1 mg/L (96 h) | | Fish |
| | EC50 | >0.1 - 1 mg/L (48 h) | | Crustacean |
| | EC50 | >0.1 - 1 mg/L (72 h) | | Algae |

** Changes with regards to the previous version

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SECTION 12: ECOLOGICAL INFORMATION ** (continued)

| Identification | Concentration | | Species | Genus |
|---|---------------|-----------------------|-------------------------|------------|
| butan-1-ol CAS: 71-36-3 EC: 200-751-6 | LC50 | 1740 mg/L (96 h) | Pimephales promelas | Fish |
| | EC50 | 1983 mg/L (48 h) | Daphnia magna | Crustacean |
| | EC50 | 500 mg/L (96 h) | Scenedesmus subspicatus | Algae |
| Xylene CAS: 1330-20-7 EC: 215-535-7 | LC50 | >10 - 100 mg/L (96 h) | | Fish |
| | EC50 | >10 - 100 mg/L (48 h) | | Crustacean |
| | EC50 | >10 - 100 mg/L (72 h) | | Algae |
| zinc oxide CAS: 1314-13-2 EC: 215-222-5 | LC50 | 0,82 mg/L (96 h) | Oncorhynchus kisutch | Fish |
| | EC50 | 3,4 mg/L (48 h) | Daphnia magna | Crustacean |
| | EC50 | Not relevant | | |

Chronic toxicity:

| Identification | Concentration | | Species | Genus |
|---|---------------|---------------|---------------------|------------|
| Talc CAS: 14807-96-6 EC: 238-877-9 | NOEC | 5979,718 mg/L | N/A | Fish |
| | NOEC | 1459,798 mg/L | N/A | Crustacean |
| reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight 700 < MW < 1100) CAS: 25068-38-6 EC: 500-033-5 | NOEC | Not relevant | | |
| | NOEC | 0,3 mg/L | Daphnia magna | Crustacean |
| Reaction mass of ethylbenzene and m-xylene and p-xylene CAS: Not relevant EC: 905-562-9 | NOEC | 1,3 mg/L | Oncorhynchus mykiss | Fish |
| | NOEC | 1,17 mg/L | Ceriodaphnia dubia | Crustacean |
| butan-1-ol CAS: 71-36-3 EC: 200-751-6 | NOEC | Not relevant | | |
| | NOEC | 4,1 mg/L | Daphnia magna | Crustacean |
| Xylene CAS: 1330-20-7 EC: 215-535-7 | NOEC | 1,3 mg/L | Oncorhynchus mykiss | Fish |
| | NOEC | 1,17 mg/L | Ceriodaphnia dubia | Crustacean |
| zinc oxide CAS: 1314-13-2 EC: 215-222-5 | NOEC | 0,44 mg/L | Oncorhynchus mykiss | Fish |
| | NOEC | 0,031 mg/L | Daphnia magna | Crustacean |

12.2 Persistence and degradability:

Substance-specific information:

| Identification | Degradability | | Biodegradability | |
|--|---------------|--------------------------|------------------|--------------|
| | BOD5 | Not relevant | Concentration | 100 mg/L |
| reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight 700 < MW < 1100) CAS: 25068-38-6 EC: 500-033-5 | COD | Not relevant | Period | 28 days |
| | BOD5/COD | Not relevant | % Biodegradable | 0 % |
| | | | | |
| butan-1-ol CAS: 71-36-3 EC: 200-751-6 | BOD5 | 1,71 g O ₂ /g | Concentration | Not relevant |
| | COD | 2,46 g O ₂ /g | Period | 19 days |
| | BOD5/COD | 0,7 | % Biodegradable | 98 % |
| Xylene CAS: 1330-20-7 EC: 215-535-7 | BOD5 | Not relevant | Concentration | Not relevant |
| | COD | Not relevant | Period | 28 days |
| | BOD5/COD | Not relevant | % Biodegradable | 88 % |

12.3 Bioaccumulative potential:

Substance-specific information:

| Identification | Bioaccumulation potential | |
|---|---------------------------|------|
| | BCF | 4 |
| reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight 700 < MW < 1100) CAS: 25068-38-6 EC: 500-033-5 | Pow Log | 2.8 |
| | Potential | Low |
| | | |
| Reaction mass of ethylbenzene and m-xylene and p-xylene CAS: Not relevant EC: 905-562-9 | BCF | 9 |
| | Pow Log | 2.77 |
| | Potential | Low |
| butan-1-ol CAS: 71-36-3 EC: 200-751-6 | BCF | 1 |
| | Pow Log | 0.88 |
| | Potential | Low |

** Changes with regards to the previous version

- CONTINUED ON NEXT PAGE -

PODKŁAD EPOKSYDOWY 1:1 - EPOXY PRIMER**SECTION 12: ECOLOGICAL INFORMATION ** (continued)**

| Identification | | Bioaccumulation potential | |
|----------------|--|---------------------------|------|
| Xylene | | BCF | 9 |
| CAS: 1330-20-7 | | Pow Log | 2.77 |
| EC: 215-535-7 | | Potential | Low |

12.4 Mobility in soil:

| Identification | Absorption/desorption | | Volatility | |
|---|-----------------------|----------------------|------------|--------------------------------|
| butan-1-ol CAS: 71-36-3 EC: 200-751-6 | Koc | 2.44 | Henry | 5,39E-2 Pa·m ³ /mol |
| | Conclusion | Very High | Dry soil | Yes |
| | Surface tension | 2,567E-2 N/m (25 °C) | Moist soil | Yes |
| Xylene CAS: 1330-20-7 EC: 215-535-7 | Koc | 202 | Henry | 524,86 Pa·m ³ /mol |
| | Conclusion | Moderate | Dry soil | Yes |
| | Surface tension | Not relevant | Moist soil | Yes |

12.5 Results of PBT and vPvB assessment:

Product does not meet PBT/vPvB criteria

12.6 Endocrine disrupting properties:

Endocrine-disrupting properties: The product does not meet the criteria.

12.7 Other adverse effects:

Not described

** Changes with regards to the previous version

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods:**

| Code | Description | Waste class (Regulation (EU) No 1357/2014) |
|-----------|---|--|
| 08 01 11* | waste paint and varnish containing organic solvents or other hazardous substances | Hazardous |

Type of waste (Regulation (EU) No 1357/2014):

HP14 Ecotoxic, HP3 Flammable, HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity, HP6 Acute Toxicity, HP13 Sensitising, HP4 Irritant — skin irritation and eye damage

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-hazardous residue. Waste should not be disposed of to drains. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

SECTION 14: TRANSPORT INFORMATION**Transport of dangerous goods by land:**

With regard to ADR 2025 and RID 2025:

- CONTINUED ON NEXT PAGE -

SECTION 14: TRANSPORT INFORMATION (continued)

14.1 UN number or ID number: UN1263
14.2 UN proper shipping name: PAINT
14.3 Transport hazard class(es): 3
Labels: 3
14.4 Packing group: III
14.5 Environmental hazards: Yes
14.6 Special precautions for user
Special regulations: 163, 367, 650
Tunnel restriction code: D/E
Physico-Chemical properties: see section 9
Limited quantities: 5 L
14.7 Maritime transport in bulk according to IMO instruments: Not relevant

Transport of dangerous goods by sea:

With regard to IMDG 42-24:



14.1 UN number or ID number: UN1263
14.2 UN proper shipping name: PAINT
14.3 Transport hazard class(es): 3
Labels: 3
14.4 Packing group: III
14.5 Marine pollutant: Yes
14.6 Special precautions for user
Special regulations: 223, 955, 163, 367
EmS Codes: F-E, S-E
Physico-Chemical properties: see section 9
Limited quantities: 5 L
Segregation group: Not relevant
14.7 Maritime transport in bulk according to IMO instruments: Not relevant

Transport of dangerous goods by air:

With regard to IATA/ICAO 2025:



14.1 UN number or ID number: UN1263
14.2 UN proper shipping name: PAINT
14.3 Transport hazard class(es): 3
Labels: 3
14.4 Packing group: III
14.5 Environmental hazards: Yes
14.6 Special precautions for user
Physico-Chemical properties: see section 9
14.7 Maritime transport in bulk according to IMO instruments: Not relevant

SECTION 15: REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

- Article 95, REGULATION (EU) No 528/2012: Not relevant
- Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Not relevant
- Regulation (EU) 2019/1021 on persistent organic pollutants: Not relevant
- Regulation (EU) No 2024/590, about substances that deplete the ozone layer: Not relevant
- REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Not relevant
- Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Not relevant

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SECTION 15: REGULATORY INFORMATION (continued)**Seveso III:**

| Section | Description | Lower-tier requirements | Upper-tier requirements |
|---------|-----------------------|-------------------------|-------------------------|
| P5c | FLAMMABLE LIQUIDS | 5000,000 | 50000,000 |
| E2 | ENVIRONMENTAL HAZARDS | 200,000 | 500,000 |

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc):

Shall not be used in:

- ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
- tricks and jokes,
- games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:

The product could be affected by sectorial legislation

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION ****Legislation related to safety data sheets:**

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

COMMISSION REGULATION (EU) 2020/878

COMPOSITION/INFORMATION ON INGREDIENTS (SECTION 3, SECTION 11, SECTION 12):

- New declared substances
 - Talc (14807-96-6)
 - Reaction mass of ethylbenzene and m-xylene and p-xylene
- Removed substances
 - 4-methylpentan-2-one (108-10-1)
 - 2-methoxy-1-methylethyl acetate (108-65-6)
 - Hydrocarbons, C9, aromatics (128601-23-0)

CLP Regulation (EC) No 1272/2008 (SECTION 2, SECTION 16):

- Hazard statements
- Precautionary statements
- Supplementary information

Texts of the legislative phrases mentioned in section 2:

H315: Causes skin irritation.

H318: Causes serious eye damage.

H335: May cause respiratory irritation.

H373: May cause damage to organs through prolonged or repeated exposure.

H317: May cause an allergic skin reaction.

H411: Toxic to aquatic life with long lasting effects.

H226: Flammable liquid and vapour.

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) No 1272/2008:

** Changes with regards to the previous version

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Safety data sheet

This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

PODKŁAD EPOKSYDOWY 1:1 - EPOXY PRIMER

SECTION 16: OTHER INFORMATION ** (continued)

Acute Tox. 4: H302 - Harmful if swallowed.
Acute Tox. 4: H312+H332 - Harmful in contact with skin or if inhaled.
Aquatic Acute 1: H400 - Very toxic to aquatic life.
Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.
Eye Dam. 1: H318 - Causes serious eye damage.
Eye Irrit. 2: H319 - Causes serious eye irritation.
Flam. Liq. 3: H226 - Flammable liquid and vapour.
Skin Irrit. 2: H315 - Causes skin irritation.
Skin Sens. 1: H317 - May cause an allergic skin reaction.
STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Oral).
STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure.
STOT SE 3: H335 - May cause respiratory irritation.
STOT SE 3: H336 - May cause drowsiness or dizziness.

Classification procedure:

Skin Irrit. 2: Calculation method
Eye Dam. 1: Calculation method
STOT SE 3: Calculation method
STOT RE 2: Calculation method
Skin Sens. 1: Calculation method
Aquatic Chronic 2: Calculation method
Flam. Liq. 3: Calculation method (2.6.4.3)

Advice related to training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

<http://echa.europa.eu>
<http://eur-lex.europa.eu>

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road
IMDG: International maritime dangerous goods code
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
COD: Chemical Oxygen Demand
BOD5: 5day biochemical oxygen demand
BCF: Bioconcentration factor
LD50: Lethal Dose 50
LC50: Lethal Concentration 50
EC50: Effective concentration 50
LogPOW: Octanolwater partition coefficient
Koc: Partition coefficient of organic carbon
UFI: unique formula identifier
IARC: International Agency for Research on Cancer

** Changes with regards to the previous version

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -