

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : Flakes Sealer Epoxy B-component  
UFI : 6P80-V0WQ-300X-GWE0  
Product group : Coatings and paints, fillers, putties, thinners

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

##### Relevant identified uses

Main use category : Industrial use, Professional use  
Use of the substance/mixture : Coating  
Product only to be used in combination with component A.

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

Quartzline B.V.  
W.A. Boogaerdtstraat 5  
NL 3316 BN Dordrecht  
Nederland  
T +31 (0)78 6513100, F +31 (0)78 6177390  
[info@quartzline.nl](mailto:info@quartzline.nl), [www.quartzline.nl](http://www.quartzline.nl)

#### 1.4. Emergency telephone number

Emergency number : +31 (0)78 6513100  
This number is serviced during office hours.

| Country/Area | Organisation/Company                                                                                                                | Address                                          | Emergency number | Comment                                                                                                                                                                  |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Austria      | Vergiftungsinformationszentrale                                                                                                     | Stubenring 6<br>1010 Vienna                      | +43 1 406 43 43  |                                                                                                                                                                          |
| Belgium      | Centre Anti-Poisons/Antigifcentrum<br>c/o Hôpital Militaire Reine Astrid                                                            | Rue Bruyn 1<br>1120 Brussels                     | +32 70 245 245   | Please dial: 070<br>245 245 for any<br>urgent questions<br>about intoxication<br>(free of charge<br>24/7), if not<br>accessible, dial: 02<br>264 96 30<br>(standard fee) |
| Bulgaria     | Национален токсикологичен<br>информационен център<br>Многопрофилна болница за<br>активно лечение и спешна<br>медицина "Н.И.Пирогов" | бул. Ген. Едуард И.<br>Тотлебен 21<br>1606 Sofia | +359 2 9154 233  | The phone is active<br>24/7 and calls to it<br>are free                                                                                                                  |
| Croatia      | Centar za kontrolu otrovanja<br>Institut za medicinska istraživanja i<br>medicinu rada                                              | Ksaverska Cesta 2<br>p.p. 291<br>10000 Zagreb    | +385 1 234 8342  | Information<br>available 24/7 in<br>Croatian and<br>English                                                                                                              |
| Cyprus       | Κέντρον Δηλητηριάσεων<br>Τμήμα Επιθεώρησης Εργασίας                                                                                 | P.O. Box 24855 Nicosia                           | 1401             | Operating hours 24<br>hours / 24 hours, 7<br>days a week                                                                                                                 |

# Flakes Sealer Epoxy B-component

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Country/Area   | Organisation/Company                                                                 | Address                                                        | Emergency number                     | Comment                                                                                                                                                                                                                                               |
|----------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Czech Republic | Toxikologické informační středisko<br>Klinika pracovního lékařství VFN a<br>1. LF UK | Na Bojišti 1<br>120 00 Prague                                  | +420 224 919 293<br>+420 224 915 402 | and only in the event of a malfunction, phone 725 103 658 (otherwise there may not be a toxicologist on this phone!) Questions about ACUTE INTOXICATION of people and animals are dealt with exclusively on TIS direct telephone lines 24 hours a day |
| Denmark        | Giftlinjen<br>Bispebjerg Hospital                                                    | Bispebjerg Bakke 23E<br>Opgang 20 C<br>2400 Copenhagen         | +45 82 12 12 12                      |                                                                                                                                                                                                                                                       |
| Estonia        | Mürgistusteabekeskus<br>Terviseamet                                                  | Paldiski mnt 81<br>10614 Tallinn                               | 16662<br>+372 7943 794               | Calling the hotline is anonymous and at the cost of a local call.                                                                                                                                                                                     |
| Finland        | Myrkytystietokeskus                                                                  | Stenbäckinkatu 9<br>PO BOX 100<br>00029 Helsinki               | +358 800 147 111<br>+358 9 471 977   | Open 24 hours a day 0800 147 111 (free of charge) 09 471 977 (normal rate call)                                                                                                                                                                       |
| France         | ORFILA                                                                               |                                                                | +33 1 45 42 59 59                    | This number automatically directs calls to the nearest poison control center, based on the caller's location. These poison and toxicovigilance centers provide free medical assistance (excluding call costs), 24 hours a day, 7 days a week.         |
| France         | Centre antipoison de Marseille<br>Hôpital Sainte Marguerite                          | 270 boulevard de Sainte Marguerite<br>13274 Marseille Cedex 09 | +33 4 91 75 25 25                    |                                                                                                                                                                                                                                                       |
| France         | Centre antipoison de Paris<br>Hôpital Fernand Widal                                  | 200 rue du Faubourg Saint-Denis<br>75475 Paris Cedex 10        | +33 1 40 05 48 48                    |                                                                                                                                                                                                                                                       |

# Flakes Sealer Epoxy B-component

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Country/Area | Organisation/Company                                                                                                                                                 | Address                                                                    | Emergency number                                                                                   | Comment                                                                                                                                                     |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Germany      | Informationszentrale gegen Vergiftungen<br>Klinik und Poliklinik für Allgemeine Pädiatrie, Zentrum für Kinderheilkunde,<br>Universitätsklinikum Bonn                 | Gebäude 30, ELKI (Eltern-Kind-Zentrum)<br>Venusberg-Campus 1<br>53127 Bonn | +49 (0) 228 19240                                                                                  |                                                                                                                                                             |
| Germany      | Vergiftungs-Informations-Zentrale<br>Universitätsklinikum Freiburg,<br>Zentrum für Kinder- und Jugendmedizin                                                         | Breisacher Str. 86b<br>79110 Freiburg                                      | +49 (0) 761 19240                                                                                  |                                                                                                                                                             |
| Germany      | Giftinformationszentrum-Nord der Länder Bremen, Hamburg, Niedersachsen und Schleswig-Holstein (GIZ-Nord)<br>Universitätsmedizin Göttingen - Georg-August-Universität | Robert-Koch Straße 40<br>37075 Göttingen                                   | +49 (0) 551 19240                                                                                  |                                                                                                                                                             |
| Greece       | Poisons Information Centre<br>Children's Hospital P&A Kyriakou                                                                                                       | 11762 Athens                                                               | +30 21 07 79 37 77                                                                                 |                                                                                                                                                             |
| Hungary      | Nemzeti Népegészségügyi Központ<br>Egészségügyi Toxikológiai Tájékoztató Szolgálat                                                                                   | Albert Flórián út 2-6<br>1097 Budapest                                     | +36 80 20 11 99<br>+36 1 476 6464                                                                  | Emergency number 1: (0-24 hours, free of charge - only from Hungary)<br>Emergency number 2: (0-24 hours, can be called for a normal fee - also from abroad) |
| Ireland      | National Poisons Information Centre<br>Beaumont Hospital                                                                                                             | PO Box 1297<br>Beaumont Road<br>9 Dublin                                   | +353 1 809 2566<br>(Healthcare professionals-24/7)<br>+353 1 809 2166<br>(public, 8am - 10pm, 7/7) |                                                                                                                                                             |
| Italy        | Centro Antiveleni di Bergamo<br>Azienda Ospedaliera Papa Giovanni XXII                                                                                               | Piazza OMS -<br>Organizzazione Mondiale della Sanità, 1<br>24127 Bergamo   | 800 88 33 00                                                                                       |                                                                                                                                                             |
| Italy        | Centro Antiveleni di Milano<br>Ospedale Niguarda Ca' Granda                                                                                                          | Piazza Ospedale Maggiore 3<br>20162 Milan                                  | 02 6610 1029                                                                                       |                                                                                                                                                             |
| Italy        | Centro Antiveleni di Roma<br>CAV Policlinico "A. Gemelli",<br>Dipartimento di Tossicologia Clinica<br>Universita Cattolica del Sacro Cuore                           | Largo Agostino Gemelli, 8<br>00168 Rome                                    | 06 305 4343                                                                                        |                                                                                                                                                             |
| Italy        | Centro Antiveleni di Firenze<br>Az. Osp. "Careggi" U.O.<br>Tossicologia Medica, S.O.D. di<br>Tossicologia Clinica                                                    | Largo Brambilla, 3<br>50134 Florence                                       | 055 794 7819                                                                                       |                                                                                                                                                             |
| Italy        | Centro Antiveleni di Pavia<br>CAV Centro Nazionale di<br>Informazione Tossicologica, Istituti<br>Clinici Scientifici Maugeri Spa                                     | Via Salvatore Maugeri, 10<br>27100 Pavia                                   | 03 822 4444                                                                                        |                                                                                                                                                             |

# Flakes Sealer Epoxy B-component

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Country/Area | Organisation/Company                                                                                                                                  | Address                                                         | Emergency number                       | Comment                                                                                                                                                |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Italy        | Centro Antiveleni di Foggia<br>Az. Osp. Univ. Foggia                                                                                                  | V.le Luigi Pinto, 1<br>71122 Foggia                             | 800 183 459                            |                                                                                                                                                        |
| Italy        | Centro Antiveleni di Napoli<br>Az. Osp. "A. Cardarelli"                                                                                               | Via A. Cardarelli, 9<br>80131 Naples                            | 081 54 53 333                          |                                                                                                                                                        |
| Italy        | Centro Antiveleni di Verona<br>Azienda Ospedaliera Integrata<br>Verona                                                                                | Piazzale Aristide Stefani,<br>1<br>37126 Verona                 | 800 011 858                            |                                                                                                                                                        |
| Latvia       | Valsts ugunsdzēsības un glābšanas<br>dienests<br>Toksikoloģijas un sepses klīnikas<br>Saindēšanās un zāļu informācijas<br>centrs                      | Hipokrāta 2<br>1038 Riga                                        | 112<br>+371 67 04 24 73                | works 24 hours a<br>day                                                                                                                                |
| Lithuania    | Apsinuodijimų informacijos biuras                                                                                                                     | Šiltanamių g. 29<br>04130 Vilnius                               | +370 (5) 236 20 52                     |                                                                                                                                                        |
| Luxembourg   | Centre Anti-Poisons/Antigifcentrum<br>c/o Hôpital Militaire Reine Astrid                                                                              | Rue Bruyn 1<br>1120 Brussels                                    | +352 8002 5500                         | Free telephone<br>number with a 24/7<br>access. Experts<br>answer all urgency<br>questions on<br>dangerous products<br>in French, Dutch<br>and English |
| Malta        | Medicines & Poisons Info Office                                                                                                                       | Mater Dei Hospital<br>Msida<br>MSD 2090 Msida                   | 112<br>+356 2545 6508                  |                                                                                                                                                        |
| Netherlands  | Nationaal Vergiftigingen Informatie<br>Centrum (NVIC)                                                                                                 | Huispostnummer<br>Q03.2.315<br>Postbus 85500<br>3508 GA Utrecht | +31 88 755 80 00                       | Only for the<br>purpose of<br>informing medical<br>personnel in cases<br>of acute<br>intoxications (24<br>hours a day, 7 days<br>a week)               |
| Poland       | Instytut Medycyny Pracy imienia<br>prof. dra med. Jerzego Nofera                                                                                      | ul. św. Teresy od<br>Dzieciątka Jezus 8<br>91-348 Łódź          | +48 42 631 45 02<br>+48 42 655 25 05   |                                                                                                                                                        |
| Portugal     | Centro de Informação Antivenenos<br>Instituto Nacional de Emergência<br>Médica                                                                        | Rua Almirante Barroso,<br>36<br>1000-013 Lisbon                 | +351 800 250 250                       |                                                                                                                                                        |
| Romania      | Spitalul Clinic de Urgenta Bucuresti<br>Secția Clinică ATI II - Toxicologie<br>Clinică                                                                | Calea Floreasca nr. 8<br>sector 1<br>Bucharest                  | +40 21 599 23 00                       | (information<br>provided in<br>Romanian and<br>English)                                                                                                |
| Slovakia     | Národné toxikologické informačné<br>centrum<br>Univerzitná nemocnica Bratislava,<br>pracovisko Kramáre, Klinika<br>pracovného lekárstva a toxikológie | Limbová 5<br>833 05 Bratislava                                  | +421 2 54 77 41 66<br>+421 911 166 066 |                                                                                                                                                        |

# Flakes Sealer Epoxy B-component

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Country/Area | Organisation/Company                                                                                                           | Address                                              | Emergency number                                                        | Comment                                                                  |
|--------------|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Slovenia     | Center za klinično toksikologijo in farmakologijo<br>Univerzitetni klinični, Center<br>Ljubljana                               | Zaloška 7<br>1000 Ljubljana                          | 112                                                                     |                                                                          |
| Spain        | Servicio de Información<br>Toxicológica<br>Instituto Nacional de Toxicología y<br>Ciencias Forenses, Departamento de<br>Madrid | C/José Echegaray nº4<br>28232 Las Rozas de<br>Madrid | +34 91 562 04 20<br>+34 91 411 26 76<br>(teléfono solo para<br>médicos) | (Toxicological<br>emergencies only).<br>Information in<br>Spanish (24/7) |
| Sweden       | Giftinformationscentralen                                                                                                      | Solna Strandväg 21<br>171 54 Solna                   | 112 – begär<br>Giftinformation                                          |                                                                          |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

|                                                                      |       |
|----------------------------------------------------------------------|-------|
| Acute toxicity (oral), Category 4                                    | H302  |
| Acute toxicity (inhalation:dust,mist) Category 4                     | H332  |
| Skin corrosion/irritation, Category 1, Sub-Category 1B               | H314  |
| Serious eye damage/eye irritation, Category 1                        | H318  |
| Skin sensitisation, Category 1                                       | H317  |
| Reproductive toxicity, Category 2                                    | H361d |
| Hazardous to the aquatic environment – Chronic<br>Hazard, Category 2 | H411  |

Full text of H- and EUH-statements: see section 16

#### Adverse physicochemical, human health and environmental effects

Causes severe skin burns and eye damage. May cause an allergic skin reaction. Harmful if inhaled. Harmful if swallowed. Suspected of damaging fertility or the unborn child. Toxic to aquatic life with long lasting effects.

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



Signal word (CLP)

: Danger

Contains

: BENZYL ALCOHOL; Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-, reaction products with bisphenol A diglycidyl ether homopolymer; m-phenylenebis(methylamine); ISOPHORONE DIAMINE; salicylic acid

Hazard statements (CLP)

: H302+H332 - Harmful if swallowed or if inhaled.  
H314 - Causes severe skin burns and eye damage.  
H317 - May cause an allergic skin reaction.  
H361d - Suspected of damaging the unborn child.  
H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP)

: P201 - Obtain special instructions before use.  
P280 - Wear protective clothing, protective gloves, eye protection.  
P303+P361+P353+P310 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a doctor, a POISON CENTER.  
P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor, a POISON CENTER.  
P391 - Collect spillage.

# Flakes Sealer Epoxy B-component

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

| Name                                                                                                               | Product identifier                                                                                  | Conc.<br>(% w/w) | Classification according to Regulation<br>(EC) No. 1272/2008 [CLP]                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| benzyl alcohol<br>substance with national workplace exposure<br>limit(s) (BG, DE, FI, LV, LT, PL, SI, CZ)          | CAS-No.: 100-51-6<br>EC-No.: 202-859-9<br>EC Index-No.: 603-057-00-5<br>REACH-no: 01-2119492630-38  | 25 – 50          | Acute Tox. 4 (Oral), H302<br>(ATE=1620 mg/kg bodyweight)<br>Acute Tox. 4 (Inhalation), H332<br>Eye Irrit. 2, H319<br>Skin Sens. 1B, H317                                                                            |
| Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-, reaction products with bisphenol A diglycidyl ether homopolymer  | CAS-No.: 68609-08-5<br>REACH-no: 01-2120106013-80                                                   | 25 – 50          | Acute Tox. 4 (Oral), H302<br>(ATE=500 mg/kg bodyweight)<br>Skin Sens. 1, H317<br>Aquatic Chronic 2, H411                                                                                                            |
| m-phenylenebis(methylamine)<br>substance with national workplace exposure<br>limit(s) (BE, DK, FI, FR, IE, AT, PT) | CAS-No.: 1477-55-0<br>EC-No.: 216-032-5<br>REACH-no: 01-2119480150-50                               | 10 – 25          | Acute Tox. 4 (Oral), H302<br>(ATE=500 mg/kg bodyweight)<br>Acute Tox. 4 (Inhalation), H332<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1B, H317<br>Aquatic Chronic 3, H412<br>EUH071                   |
| 3-aminomethyl-3,5,5-trimethylcyclohexylamine                                                                       | CAS-No.: 2855-13-2<br>EC-No.: 220-666-8<br>EC Index-No.: 612-067-00-9<br>REACH-no: 01-2119514687-32 | 10 – 25          | Acute Tox. 4 (Oral), H302<br>(ATE=1030 mg/kg bodyweight)<br>Acute Tox. 4 (Dermal), H312<br>(ATE=1340 mg/kg bodyweight)<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1A, H317<br>Aquatic Chronic 3, H412 |
| salicylic acid                                                                                                     | CAS-No.: 69-72-7<br>EC-No.: 200-712-3<br>EC Index-No.: 607-732-00-5<br>REACH-no: 01-2119486984-17   | 2 – 10           | Repr. 2, H361d<br>Acute Tox. 4 (Oral), H302<br>(ATE=891 mg/kg bodyweight)<br>Eye Dam. 1, H318                                                                                                                       |

# Flakes Sealer Epoxy B-component

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Specific concentration limits:               |                                                                                                     |                                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------|
| Name                                         | Product identifier                                                                                  | Specific concentration limits (Conc. (% w/w)) |
| 3-aminomethyl-3,5,5-trimethylcyclohexylamine | CAS-No.: 2855-13-2<br>EC-No.: 220-666-8<br>EC Index-No.: 612-067-00-9<br>REACH-no: 01-2119514687-32 | (0.001 ≤ C ≤ 100) Skin Sens. 1A; H317         |

Full text of H- and EUH-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                                       |                                                                                                                                                                                     |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures general            | : Never give anything by mouth to an unconscious person. If medical advice is needed, have product container or label at hand.                                                      |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.                                                               |
| First-aid measures after skin contact | : Take off immediately all contaminated clothing. Rinse skin with water/shower. Get immediate medical advice/attention.                                                             |
| First-aid measures after eye contact  | : Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention. |
| First-aid measures after ingestion    | : Rinse mouth. Do not induce vomiting. Get immediate medical advice/attention.                                                                                                      |

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

|                                     |                                               |
|-------------------------------------|-----------------------------------------------|
| Symptoms/effects after skin contact | : Burns. May cause an allergic skin reaction. |
| Symptoms/effects after eye contact  | : Serious damage to eyes.                     |
| Symptoms/effects after ingestion    | : Burns.                                      |

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                                |                                                  |
|--------------------------------|--------------------------------------------------|
| Suitable extinguishing media   | : Water spray. Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.               |

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

|                                                  |                                                                      |
|--------------------------------------------------|----------------------------------------------------------------------|
| Fire hazard                                      | : Presents no particular fire or explosion hazard.                   |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. Carbon oxides (CO, CO <sub>2</sub> ). |

#### 5.3. Advice for firefighters

|                                |                                                                                                                                                                       |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Firefighting instructions      | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.                              |

### SECTION 6: Accidental release measures

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

##### For non-emergency personnel

|                      |                                                                                            |
|----------------------|--------------------------------------------------------------------------------------------|
| Emergency procedures | : Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe vapours, mist. |
|----------------------|--------------------------------------------------------------------------------------------|

##### For emergency responders

|                      |                                                                                                                                                             |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### 6.2. Environmental precautions

Avoid release to the environment.

# Flakes Sealer Epoxy B-component

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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

- For containment : Collect spillage.
- Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
- Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". Concerning disposal elimination after cleaning, see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use only outdoors or in a well-ventilated area. Do not breathe vapours, mist. Avoid contact with skin and eyes. Wear personal protective equipment.
- Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

- Storage conditions : Keep only in the original container in a cool well ventilated place. Keep container closed when not in use. Store locked up. Keep out of frost.
- Incompatible products : Strong oxidizing agent.
- Heat and ignition sources : Keep away from heat and direct sunlight.

### Germany

Storage class (LGK, TRGS 510)

: LGK 8A - Combustible corrosive substances

Joint storage table

|          |         |          |          |           |
|----------|---------|----------|----------|-----------|
| LGK 1    | LGK 2A  | LGK 2B   | LGK 3    | LGK 4.1A  |
| LGK 4.1B | LGK 4.2 | LGK 4.3  | LGK 5.1A | LGK 5.1B  |
| LGK 5.1C | LGK 5.2 | LGK 6.1A | LGK 6.1B | LGK 6.1C  |
| LGK 6.1D | LGK 6.2 | LGK 7    | LGK 8A   | LGK 8B    |
| LGK 10   | LGK 11  | LGK 12   | LGK 13   | LGK 10-13 |

Joint storage not permitted for

: LGK 1, LGK 5.1A, LGK 5.2, LGK 6.2, LGK 7

Joint storage with restrictions permitted for

: LGK 2A, LGK 4.1A, LGK 4.2, LGK 4.3, LGK 5.1B, LGK 5.1C

Joint storage permitted for

: LGK 2B, LGK 3, LGK 4.1B, LGK 6.1A, LGK 6.1B, LGK 6.1C, LGK 6.1D, LGK 8A, LGK 8B, LGK 10, LGK 11, LGK 12, LGK 13, LGK 10-13

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### National occupational exposure and biological limit values

|                                               |                                                                                                                                                                                   |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| benzyl alcohol (100-51-6)                     |                                                                                                                                                                                   |
| Bulgaria - Occupational Exposure Limits       |                                                                                                                                                                                   |
| Local name                                    | Бензилалкохол                                                                                                                                                                     |
| OEL TWA                                       | 5 mg/m³                                                                                                                                                                           |
| Regulatory reference                          | Наредба № 13 от 30.12.2003 г. за защита на работещите от рискове, свързани с експозиция на химични агенти при работа (изм. и доп. ДВ. бр. 28 от 2024 г., в сила от 05.04.2024 г.) |
| Czech Republic - Occupational Exposure Limits |                                                                                                                                                                                   |
| Local name                                    | Benzylalkohol                                                                                                                                                                     |
| PEL (OEL TWA)                                 | 40 mg/m³                                                                                                                                                                          |

# Flakes Sealer Epoxy B-component

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

|                                                   |                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| benzyl alcohol (100-51-6)                         |                                                                                                                                                                                                                                                                                                                   |
|                                                   | 9 ppm                                                                                                                                                                                                                                                                                                             |
| NPK-P (OEL C)                                     | 80 mg/m³                                                                                                                                                                                                                                                                                                          |
|                                                   | 18 ppm                                                                                                                                                                                                                                                                                                            |
| Regulatory reference                              | Nařízení vlády č. 361/2007 Sb. (Předpis 20/2025 Sb.)                                                                                                                                                                                                                                                              |
| Finland - Occupational Exposure Limits            |                                                                                                                                                                                                                                                                                                                   |
| Local name                                        | Bentsyylialkoholi                                                                                                                                                                                                                                                                                                 |
| HTP (OEL TWA)                                     | 45 mg/m³                                                                                                                                                                                                                                                                                                          |
|                                                   | 10 ppm                                                                                                                                                                                                                                                                                                            |
| Regulatory reference                              | HTP-ARVOT 2025 (Sosiaali- ja terveystieteiden ministeriö)                                                                                                                                                                                                                                                         |
| Germany - Occupational Exposure Limits (TRGS 900) |                                                                                                                                                                                                                                                                                                                   |
| Local name                                        | Benzylalkohol                                                                                                                                                                                                                                                                                                     |
| AGW (OEL TWA)                                     | 22 mg/m³                                                                                                                                                                                                                                                                                                          |
|                                                   | 5 ppm                                                                                                                                                                                                                                                                                                             |
| Peak exposure limitation factor                   | 2(I)                                                                                                                                                                                                                                                                                                              |
| Remark                                            | DFG - Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe der DFG (MAK-Kommission); H - hautresorptiv; Y - Ein Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen Grenzwertes (BGW) nicht befürchtet zu werden; 11 - Summe aus Dampf und Aerosolen |
| Regulatory reference                              | TRGS900                                                                                                                                                                                                                                                                                                           |
| Latvia - Occupational Exposure Limits             |                                                                                                                                                                                                                                                                                                                   |
| Local name                                        | Benzilspirts (fenilmetanols, fenilkarbinols)                                                                                                                                                                                                                                                                      |
| OEL TWA                                           | 5 mg/m³                                                                                                                                                                                                                                                                                                           |
| Regulatory reference                              | Ministru kabineta 2007. gada 15. maija noteikumiem Nr. 325 (Grozījumi Ministru kabineta 2024. gada 26. martā noteikumiem Nr. 191).                                                                                                                                                                                |
| Lithuania - Occupational Exposure Limits          |                                                                                                                                                                                                                                                                                                                   |
| Local name                                        | Benzilo alkoholis                                                                                                                                                                                                                                                                                                 |
| IPRV (OEL TWA)                                    | 5 mg/m³                                                                                                                                                                                                                                                                                                           |
| Remark                                            | O (medžiaga į organizmą gali prasiskverbti pro nepažeistą odą); Ū (ūmus poveikis)                                                                                                                                                                                                                                 |
| Regulatory reference                              | LIETUVOS HIGIENOS NORMA HN 23:2011 (Nr. V-695/A1-272, 2018-06-12)                                                                                                                                                                                                                                                 |
| Poland - Occupational Exposure Limits             |                                                                                                                                                                                                                                                                                                                   |
| Local name                                        | Fenylometanol                                                                                                                                                                                                                                                                                                     |
| NDS (OEL TWA)                                     | 240 mg/m³                                                                                                                                                                                                                                                                                                         |
| Regulatory reference                              | Dz. U. 2024 poz. 1017 wraz z późn. zm.                                                                                                                                                                                                                                                                            |
| Slovenia - Occupational Exposure Limits           |                                                                                                                                                                                                                                                                                                                   |
| Local name                                        | benzilalkohol                                                                                                                                                                                                                                                                                                     |
| OEL TWA                                           | 22 mg/m³                                                                                                                                                                                                                                                                                                          |
|                                                   | 5 ppm                                                                                                                                                                                                                                                                                                             |

# Flakes Sealer Epoxy B-component

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

|                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| benzyl alcohol (100-51-6)               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OEL STEL                                | 44 mg/m³                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                         | 10 ppm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Remark                                  | K (Lastnost lažjega prehajanja snovi v organizem skozi kožo), Y (Snovi, pri katerih ni nevarnosti za zarodek ob upoštevanju mejnih vrednosti in bat vrednosti)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Regulatory reference                    | Uradni list RS, št. 29/2024 z dne 4. 4. 2024 - Pravilnik o varovanju delavcev pred tveganji zaradi izpostavljenosti kemičnim snovem pri delu                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| m-phenylenebis(methylamine) (1477-55-0) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Austria - Occupational Exposure Limits  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Local name                              | α,α'-Diamino-1,3-xylol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| MAK (OEL TWA)                           | 0.1 mg/m³                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| OEL C                                   | 0.1 mg/m³                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Regulatory reference                    | BGBI. II Nr. 156/2021                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Belgium - Occupational Exposure Limits  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Local name                              | m-Xylène α, α'-diamine # m-Xyleen α, α'-diamine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OEL STEL                                | 0.1 mg/m³                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Remark                                  | D: la mention “D” signifie que la résorption de l’agent, via la peau, les muqueuses ou les yeux, constitue une partie importante de l’exposition totale. Cette résorption peut se faire tant par contact direct que par présence de l’agent dans l’air, M: la mention “M” indique que lors d’une exposition supérieure à la valeur limite, des irritations apparaissent ou un danger d’intoxication aiguë existe. Le procédé de travail doit être conçu de telle façon que l’exposition ne dépasse jamais la valeur limite. Lors des mesurages, la période d’échantillonnage doit être aussi courte que possible afin de pouvoir effectuer des mesurages fiables. Le résultat des mesurages est calculé en fonction de la période d’échantillonnage. # D: de vermelding “D” betekent dat de opname van het agens via de huid, de slijmvliezen of de ogen een belangrijk deel van de totale blootstelling vormt. Deze opname kan het gevolg zijn van zowel direct contact als zijn aanwezigheid in de lucht, M: de vermelding “M” duidt aan dat bij de blootstelling boven de grenswaarde irritatie optreedt of er gevaar bestaat voor acute vergiftiging. Het werkproces moet zo zijn ontworpen dat de blootstelling de grenswaarde nooit overschrijdt. Bij een controle geldt dat de bemonsterde periode zo kort mogelijk moet zijn om een betrouwbare meting te kunnen verrichten. Het meetresultaat wordt dan gerelateerd aan de beschouwde periode. |
| Regulatory reference                    | Koninklijk besluit/Arrêté royal 16/11/2023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Denmark - Occupational Exposure Limits  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Local name                              | m-Xylen-α,α'-diamin (α,α'-Diamino-1,3-dimethylbenzen)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| OEL C                                   | 0.1 mg/m³                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                         | 0.02 ppm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Remark                                  | H (betyder, at stoffet kan optages gennem huden)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Regulatory reference                    | BEK nr 1619 af 19/12/2024                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Finland - Occupational Exposure Limits  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Local name                              | m-Ksyleeni-alfa,alfa-diamiini                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| HTP (OEL C)                             | 0.1 mg/m³                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

# Flakes Sealer Epoxy B-component

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

|                                         |                                                                                               |
|-----------------------------------------|-----------------------------------------------------------------------------------------------|
| m-phenylenebis(methylamine) (1477-55-0) |                                                                                               |
| Remark                                  | Iho                                                                                           |
| Regulatory reference                    | HTP-ARVOT 2025 (Sosiaali- ja terveystieteiden ministeriö)                                     |
| France - Occupational Exposure Limits   |                                                                                               |
| Local name                              | m-Xylène- $\alpha,\alpha'$ -diamine (m-phénylènebis(méthylamine), 1,3-phénylènediméthanamine) |
| VLE (OEL C/STEL)                        | 0.1 mg/m <sup>3</sup>                                                                         |
| Remark                                  | Valeurs recommandées/admises                                                                  |
| Regulatory reference                    | Circulaire du Ministère du travail (réf.: INRS ED 6443, 2022; Outil65)                        |
| Ireland - Occupational Exposure Limits  |                                                                                               |
| Local name                              | m-Xylene $\alpha,\alpha'$ -diamine (m-phenylenebis(methylamine))                              |
| OEL TWA                                 | 0.1 mg/m <sup>3</sup>                                                                         |
| Remark                                  | Advisory OELV (Advisory Occupational Exposure Limit Values)                                   |
| Regulatory reference                    | Chemical Agents Code of Practice 2024                                                         |
| Portugal - Occupational Exposure Limits |                                                                                               |
| Local name                              | m-Xileno- $\alpha,\alpha'$ -diamina                                                           |
| OEL C                                   | 0.1 mg/m <sup>3</sup>                                                                         |
|                                         | 0.1 ppm                                                                                       |
| Remark                                  | P (Toxicidade percutânea)                                                                     |
| Regulatory reference                    | Norma Portuguesa NP 1796:2014                                                                 |
| 8.2. Exposure controls                  |                                                                                               |

### Appropriate engineering controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

### Personal protection equipment

#### Personal protective equipment:

Protective clothing. Gloves. Safety glasses. [In case of inadequate ventilation] wear respiratory protection.

#### Personal protective equipment symbol(s):



### Eye and face protection

#### Eye protection:

Safety glasses. Standard EN 166 - Personal eye-protection - specifications

### Skin protection

#### Skin and body protection:

Wear suitable protective clothing. CEN : EN 340; EN 369; EN 465

#### Hand protection:

Wear suitable gloves resistant to chemical penetration. Chemical resistant gloves (according to European standard NF ISO 374-1 or equivalent)

# Flakes Sealer Epoxy B-component

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Hand protection |                                |                   |                |             |           |
|-----------------|--------------------------------|-------------------|----------------|-------------|-----------|
| Type            | Material                       | Permeation        | Thickness (mm) | Penetration | Standard  |
| Gloves          | Nitrile rubber (NBR),<br>Viton | 6 (> 480 minutes) | ≥0.5           |             | ISO 374-1 |

### Respiratory protection

#### Respiratory protection:

In case of inadequate ventilation wear respiratory protection. EN 143

| Respiratory protection |                                                           |                                                    |          |
|------------------------|-----------------------------------------------------------|----------------------------------------------------|----------|
| Device                 | Filter type                                               | Condition                                          | Standard |
| Breathing apparatus    | Type A - High-boiling (>65 °C) organic compounds, Type P2 | Vapour protection, Protection for Liquid particles | EN 143   |

### Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

#### Other information:

Do not eat, drink or smoke when using this product.

## SECTION 9: Physical and chemical properties

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

|                                                 |                                   |
|-------------------------------------------------|-----------------------------------|
| Physical state                                  | : Liquid                          |
| Colour                                          | : Transparent.                    |
| Odour                                           | : Amine-like.                     |
| Odour threshold                                 | : Not available                   |
| Melting point                                   | : Not available                   |
| Freezing point                                  | : Not available                   |
| Boiling point                                   | : > 200 °C                        |
| Flammability                                    | : Not available                   |
| Lower explosion limit                           | : 1.2 vol %                       |
| Upper explosion limit                           | : 13 vol %                        |
| Flash point                                     | : > 100 °C (DIN 53213)            |
| Auto-ignition temperature                       | : 380 °C                          |
| Decomposition temperature                       | : Not available                   |
| pH                                              | : Not available                   |
| Viscosity, kinematic                            | : 323.81 mm²/s                    |
| Viscosity, dynamic                              | : 340 mPa·s (20 °C; ISO 3219)     |
| Solubility                                      | : Water: Practically not miscible |
| Partition coefficient n-octanol/water (Log Kow) | : Not available                   |
| Vapour pressure                                 | : 0.1 hPa (20 °C)                 |
| Vapour pressure at 50°C                         | : Not available                   |
| Density                                         | : 1.05 g/cm³ (23 °C; ISO 2811-2)  |
| Relative density                                | : Not available                   |
| Relative vapour density at 20°C                 | : Not available                   |
| Particle characteristics                        | : Not applicable                  |

# Flakes Sealer Epoxy B-component

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

Strong oxidizing agent.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

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

Acute toxicity (oral) : Harmful if swallowed.  
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)  
Acute toxicity (inhalation) : Inhalation:dust,mist: Harmful if inhaled.

| Flakes Sealer Epoxy B-component                                                                                                |                      |
|--------------------------------------------------------------------------------------------------------------------------------|----------------------|
| ATE oral                                                                                                                       | 500 mg/kg bodyweight |
| ATE dust/mist                                                                                                                  | 2 mg/l/4h            |
| benzyl alcohol (100-51-6)                                                                                                      |                      |
| LD50 oral rat                                                                                                                  | 1620 mg/kg           |
| Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-, reaction products with bisphenol A diglycidyl ether homopolymer (68609-08-5) |                      |
| LD50 dermal rat                                                                                                                | > 2000 mg/kg         |
| m-phenylenebis(methylamine) (1477-55-0)                                                                                        |                      |
| LD50 dermal rat                                                                                                                | > 3100 mg/kg         |
| LC50 Inhalation - Rat                                                                                                          | ≈ 1.34 mg/l/4h       |
| 3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2)                                                                       |                      |
| LD50 oral rat                                                                                                                  | 1030 mg/kg           |
| LD50 dermal rabbit                                                                                                             | 1340 mg/kg           |
| salicylic acid (69-72-7)                                                                                                       |                      |
| LD50 oral rat                                                                                                                  | 891 mg/kg            |
| LD50 dermal rat                                                                                                                | > 2000 mg/kg         |

Skin corrosion/irritation : Causes severe skin burns.  
Serious eye damage/irritation : Causes serious eye damage.  
Respiratory or skin sensitisation : May cause an allergic skin reaction.  
Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)  
Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)  
Reproductive toxicity : Suspected of damaging the unborn child.  
STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)  
STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)  
Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

# Flakes Sealer Epoxy B-component

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Flakes Sealer Epoxy B-component |              |
|---------------------------------|--------------|
| Viscosity, kinematic            | 323.81 mm²/s |

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified (Based on available data, the classification criteria are not met)

Hazardous to the aquatic environment, long-term (chronic) : Toxic to aquatic life with long lasting effects.

| benzyl alcohol (100-51-6) |                                                      |
|---------------------------|------------------------------------------------------|
| LC50 - Fish [1]           | 460 mg/l (Pimephales promelas)                       |
| EC50 - Crustacea [1]      | 230 mg/l (OECD 202; Daphnia magna)                   |
| ErC50 algae               | 770 mg/l (OECD 201; Pseudokirchneriella subcapitata) |
| NOEC chronic crustacea    | 51 mg/l (OECD 211; Daphnia magna)                    |
| NOEC chronic algae        | 310 mg/l (OECD 201; Pseudokirchneriella subcapitata) |

| Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-, reaction products with bisphenol A diglycidyl ether homopolymer (68609-08-5) |                                                       |
|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| LC50 - Fish [1]                                                                                                                | 1.62 mg/l (OECD 203; Danio rerio)                     |
| EC50 - Crustacea [1]                                                                                                           | 1.59 mg/l (OECD 202; Daphnia magna)                   |
| ErC50 algae                                                                                                                    | 3.13 mg/l (OECD 201; Pseudokirchneriella subcapitata) |
| NOEC chronic algae                                                                                                             | 2.07 mg/l (OECD 201; Pseudokirchneriella subcapitata) |

| m-phenylenebis(methylamine) (1477-55-0) |                                                       |
|-----------------------------------------|-------------------------------------------------------|
| LC50 - Fish [1]                         | 87.6 mg/l (OECD 203; Oryzias latipes)                 |
| EC50 - Crustacea [1]                    | 15.2 mg/l (OECD 202; Daphnia magna)                   |
| ErC50 algae                             | 33.3 mg/l (OECD 201; Pseudokirchneriella subcapitata) |
| NOEC chronic crustacea                  | 4.7 mg/l (OECD 211; Daphnia magna)                    |
| NOEC chronic algae                      | 10.5 mg/l (OECD 201; Pseudokirchneriella subcapitata) |

| 3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2) |                                                    |
|----------------------------------------------------------|----------------------------------------------------|
| LC50 - Fish [1]                                          | 110 mg/l (EU Method C.1; Leuciscus idus)           |
| EC50 - Crustacea [1]                                     | 23 mg/l (OECD 202; Daohnia magna)                  |
| ErC50 algae                                              | > 50 mg/l (EU Method C.3; Desmodesmus subspicatus) |

| salicylic acid (69-72-7) |                                                |
|--------------------------|------------------------------------------------|
| EC50 - Crustacea [1]     | 870 mg/l (OECD 202; Daphnia magna)             |
| EC50 72h - Algae [1]     | > 100 mg/l (OECD 201; Desmodesmus subspicatus) |
| NOEC chronic crustacea   | 10 mg/l (Daphnia magna)                        |

### 12.2. Persistence and degradability

| Flakes Sealer Epoxy B-component |                                               |
|---------------------------------|-----------------------------------------------|
| Persistence and degradability   | Biodegradability in water: no data available. |
| benzyl alcohol (100-51-6)       |                                               |
| Persistence and degradability   | Readily biodegradable.                        |

# Flakes Sealer Epoxy B-component

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

|                                                                                                                                       |                                |
|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| <b>Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-, reaction products with bisphenol A diglycidyl ether homopolymer (68609-08-5)</b> |                                |
| Persistence and degradability                                                                                                         | Not readily biodegradable.     |
| <b>m-phenylenebis(methylamine) (1477-55-0)</b>                                                                                        |                                |
| Persistence and degradability                                                                                                         | Not readily biodegradable.     |
| <b>3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2)</b>                                                                       |                                |
| Persistence and degradability                                                                                                         | Not readily biodegradable.     |
| <b>salicylic acid (69-72-7)</b>                                                                                                       |                                |
| Persistence and degradability                                                                                                         | Readily biodegradable.         |
| <b>12.3. Bioaccumulative potential</b>                                                                                                |                                |
| <b>benzyl alcohol (100-51-6)</b>                                                                                                      |                                |
| Partition coefficient n-octanol/water (Log Pow)                                                                                       | 1.1 (20 °C)                    |
| <b>Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-, reaction products with bisphenol A diglycidyl ether homopolymer (68609-08-5)</b> |                                |
| Partition coefficient n-octanol/water (Log Pow)                                                                                       | 2.36 (20 °C)                   |
| <b>m-phenylenebis(methylamine) (1477-55-0)</b>                                                                                        |                                |
| Partition coefficient n-octanol/water (Log Pow)                                                                                       | ≈ 0.18 (25 °C; pH 10,3 - 10,4) |
| <b>3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2)</b>                                                                       |                                |
| Partition coefficient n-octanol/water (Log Pow)                                                                                       | 0.99 (23 °C; pH 6,34)          |
| <b>salicylic acid (69-72-7)</b>                                                                                                       |                                |
| Partition coefficient n-octanol/water (Log Pow)                                                                                       | 2.25 (25 °C)                   |
| <b>12.4. Mobility in soil</b>                                                                                                         |                                |
| No additional information available                                                                                                   |                                |
| <b>12.5. Results of PBT and vPvB assessment</b>                                                                                       |                                |
| No additional information available                                                                                                   |                                |
| <b>12.6. Endocrine disrupting properties</b>                                                                                          |                                |
| No additional information available                                                                                                   |                                |
| <b>12.7. Other adverse effects</b>                                                                                                    |                                |
| No additional information available                                                                                                   |                                |

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Waste treatment methods                   | : Dispose of contents/container in accordance with licensed collector's sorting instructions.                                                                                                                                                                                                                                                                                                                                                                                                  |
| Ecological waste information              | : Avoid release to the environment.                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| European List of Waste (LoW, EC 2000/532) | : 08 00 00 - WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS<br>08 02 00 - wastes from MFSU of other coatings (including ceramic materials)<br>08 02 99 - wastes not otherwise specified                                                                                                                                                                                           |
| HP Code                                   | : HP6 - "Acute Toxicity:" waste which can cause acute toxic effects following oral or dermal administration, or inhalation exposure.<br>HP8 - "Corrosive:" waste which on application can cause skin corrosion.<br>HP13 - "Sensitising:" waste which contains one or more substances known to cause sensitising effects to the skin or the respiratory organs.<br>HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment |

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / RID

# Flakes Sealer Epoxy B-component

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| ADR                                                                                                                                        | IMDG                                                                                                                                                  | IATA                                                                                                                                  | RID                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 14.1. UN number or ID number                                                                                                               |                                                                                                                                                       |                                                                                                                                       |                                                                                                                                       |
| UN 2735                                                                                                                                    | UN 2735                                                                                                                                               | UN 2735                                                                                                                               | UN 2735                                                                                                                               |
| 14.2. UN proper shipping name                                                                                                              |                                                                                                                                                       |                                                                                                                                       |                                                                                                                                       |
| AMINES, LIQUID, CORROSIVE, N.O.S. (CONTAINS : 3-aminomethyl-3,5,5-trimethylcyclohexylamine)                                                | AMINES, LIQUID, CORROSIVE, N.O.S. (CONTAINS : 3-aminomethyl-3,5,5-trimethylcyclohexylamine)                                                           | Amines, liquid, corrosive, n.o.s. (CONTAINS : 3-aminomethyl-3,5,5-trimethylcyclohexylamine)                                           | AMINES, LIQUID, CORROSIVE, N.O.S. (CONTAINS : 3-aminomethyl-3,5,5-trimethylcyclohexylamine)                                           |
| Transport document description                                                                                                             |                                                                                                                                                       |                                                                                                                                       |                                                                                                                                       |
| UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (CONTAINS : 3-aminomethyl-3,5,5-trimethylcyclohexylamine), 8, II, (E), ENVIRONMENTALLY HAZARDOUS | UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (CONTAINS : 3-aminomethyl-3,5,5-trimethylcyclohexylamine), 8, II, MARINE POLLUTANT/ENVIRONMNTALLY HAZARDOUS | UN 2735 Amines, liquid, corrosive, n.o.s. (CONTAINS : 3-aminomethyl-3,5,5-trimethylcyclohexylamine), 8, II, ENVIRONMENTALLY HAZARDOUS | UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (CONTAINS : 3-aminomethyl-3,5,5-trimethylcyclohexylamine), 8, II, ENVIRONMENTALLY HAZARDOUS |
| 14.3. Transport hazard class(es)                                                                                                           |                                                                                                                                                       |                                                                                                                                       |                                                                                                                                       |
| 8                                                                                                                                          | 8                                                                                                                                                     | 8                                                                                                                                     | 8                                                                                                                                     |
|                                                         |                                                                    |                                                   |                                                  |
| 14.4. Packing group                                                                                                                        |                                                                                                                                                       |                                                                                                                                       |                                                                                                                                       |
| II                                                                                                                                         | II                                                                                                                                                    | II                                                                                                                                    | II                                                                                                                                    |
| 14.5. Environmental hazards                                                                                                                |                                                                                                                                                       |                                                                                                                                       |                                                                                                                                       |
| Dangerous for the environment: Yes                                                                                                         | Dangerous for the environment: Yes<br>Marine pollutant: Yes<br>EmS-No. (Fire): F-A<br>EmS-No. (Spillage): S-B                                         | Dangerous for the environment: Yes                                                                                                    | Dangerous for the environment: Yes                                                                                                    |
| No supplementary information available                                                                                                     |                                                                                                                                                       |                                                                                                                                       |                                                                                                                                       |

### 14.6. Special precautions for user

#### Overland transport

|                                                           |               |
|-----------------------------------------------------------|---------------|
| Classification code (ADR)                                 | : C7          |
| Special provisions (ADR)                                  | : 274         |
| Limited quantities (ADR)                                  | : 11          |
| Excepted quantities (ADR)                                 | : E2          |
| Packing instructions (ADR)                                | : P001, IBC02 |
| Mixed packing provisions (ADR)                            | : MP15        |
| Portable tank and bulk container instructions (ADR)       | : T11         |
| Portable tank and bulk container special provisions (ADR) | : TP1, TP27   |
| Tank code (ADR)                                           | : L4BN        |
| Vehicle for tank carriage                                 | : AT          |
| Transport category (ADR)                                  | : 2           |

# Flakes Sealer Epoxy B-component

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Hazard identification number (Kemler No.) : 80

Orange plates : 

Tunnel restriction code (ADR) : E

### Transport by sea

Special provisions (IMDG) : 274

Limited quantities (IMDG) : 1 L

Excepted quantities (IMDG) : E2

Packing instructions (IMDG) : P001

IBC packing instructions (IMDG) : IBC02

Tank instructions (IMDG) : T11

Tank special provisions (IMDG) : TP1, TP27

Stowage category (IMDG) : A

Segregation (IMDG) : SGG18, SG35

Properties and observations (IMDG) : Colourless to yellowish liquids or solutions with a pungent odour. Miscible with or soluble in water. When involved in a fire, evolve toxic gases. Corrosive to most metals, especially to copper and its alloys. Reacts violently with acids. Cause burns to skin, eyes and mucous membranes.

### Air transport

PCA Excepted quantities (IATA) : E2

PCA Limited quantities (IATA) : Y840

PCA limited quantity max net quantity (IATA) : 0.5L

PCA packing instructions (IATA) : 851

PCA max net quantity (IATA) : 1L

CAO packing instructions (IATA) : 855

CAO max net quantity (IATA) : 30L

Special provisions (IATA) : A3, A803

ERG code (IATA) : 8L

### Rail transport

Classification code (RID) : C7

Special provisions (RID) : 274

Limited quantities (RID) : 1L

Excepted quantities (RID) : E2

Packing instructions (RID) : P001, IBC02

Mixed packing provisions (RID) : MP15

Portable tank and bulk container instructions (RID) : T11

Portable tank and bulk container special provisions (RID) : TP1, TP27

Tank codes for RID tanks (RID) : L4BN

Transport category (RID) : 2

Colis express (express parcels) (RID) : CE6

Hazard identification number (RID) : 80

# Flakes Sealer Epoxy B-component

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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

Not applicable

## SECTION 15: Regulatory information

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

#### EU-Regulations

##### REACH Annex XVII (Restriction List)

| EU restriction list (REACH Annex XVII) |                                                                                                                               |                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reference code                         | Applicable on                                                                                                                 | Entry title or description                                                                                                                                                                                                                                                                                        |
| 3(b)                                   | Flakes Sealer Epoxy B-component ; benzyl alcohol ; m-phenylenebis(methylamine) ; 3-aminomethyl-3,5,5-trimethylcyclohexylamine | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10 |
| 3(c)                                   | Flakes Sealer Epoxy B-component ; m-phenylenebis(methylamine) ; 3-aminomethyl-3,5,5-trimethylcyclohexylamine                  | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1                                                                                                                                         |

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

##### Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

##### Seveso Directive (Disaster Risk Reduction)

| Seveso III Part I (Categories of dangerous substances)        | Qualifying quantity (tonnes) |            |
|---------------------------------------------------------------|------------------------------|------------|
|                                                               | Lower-tier                   | Upper-tier |
| E2 Hazardous to the Aquatic Environment in Category Chronic 2 | 200                          | 500        |

##### Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

##### Drug Precursors Regulation (EC 273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

# Flakes Sealer Epoxy B-component

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### National regulations

#### France

| Occupational diseases |                                                                                      |
|-----------------------|--------------------------------------------------------------------------------------|
| Code                  | Description                                                                          |
| RG 49                 | Skin disorders caused by aliphatic, alicyclic amines or ethanolamines                |
| RG 49 BIS             | Respiratory disorders caused by aliphatic amines, ethanolamines or isophoronediamine |
| RG 66                 | Occupational rhinitis and asthma                                                     |

#### Germany

|                                         |                                                                                                                                                                                       |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Employment restrictions                 | : Observe restrictions according Act on the Protection of Working Mothers (MuSchG).<br>Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG). |
| Water hazard class (WGK)                | : WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1).                                                                                                |
| Major Accidents Ordinance (12. BImSchV) | : Is not subject to the Major Accidents Ordinance (12. BImSchV)                                                                                                                       |

#### Netherlands

|                                                      |                                                                                                  |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| ABM category                                         | : A(2) - toxic for aquatic organisms, may have longterm hazardous effects in aquatic environment |
| SZW-lijst van kankerverwekkende stoffen              | : None of the components are listed                                                              |
| SZW-lijst van mutagene stoffen                       | : None of the components are listed                                                              |
| SZW-lijst van reprotoxische stoffen – Borstvoeding   | : None of the components are listed                                                              |
| SZW-lijst van reprotoxische stoffen – Vruchtbaarheid | : None of the components are listed                                                              |
| SZW-lijst van reprotoxische stoffen – Ontwikkeling   | : salicylic acid is listed                                                                       |

#### Denmark

|                             |                                                                                                                                                                                     |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Danish National Regulations | : Young people below the age of 18 years are not allowed to use the product<br>Pregnant/breastfeeding women working with the product must not be in direct contact with the product |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

# Flakes Sealer Epoxy B-component

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### Poland

#### Polish National Regulations

: Act of 25 February 2011 on chemical substances and their mixtures (J. o L. No. 63, item 322 as amended; consolidated text J. o L. 2019, item 1225).  
Act of 14 December 2012 on waste (J. o L. 2013, item 322 as amended; consolidated text J. o L. 2020, item 797).  
The announcement of Marshal of the Sejm of the Republic of Poland dated 19 October 2016 concerning the consolidated text announcement of the decree on the management of packaging and packaging waste (J. o L. 2016, item 1863 as amended).  
Decree of the Minister of Environment of 14 December 2014 on the catalogue of waste (J. o L. 2014, item 1923).  
Act of 19 August 2011 on the Carriage of Dangerous Goods (J. o L. 2011 No. 227, item 1367 as amended; consolidated text J. o L. 2020, item 154).  
Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the highest permissible concentration and intensity of noxious agents for health at work environment (J. o L. item 1286 as amended).  
The announcement of Minister of Health dated 9 September 2016 concerning the consolidated text announcement of the decree of the Minister of Health of 30 December 2004 on health and safety at work related to exposure to chemical agents at work (J. o L. of 16 September 2016, item 1488)  
Regulation of the Minister of Health of 2 February 2011 on tests and measurements of the noxious agents for health at work environment (J. o L. No. 33, item 166 as amended).  
Regulation of the Minister of Environment of 9 December 2003 on particularly hazardous substances to the environment (J. o L. No. 217, item 2141).  
ADR Agreement: Government Statement of 13 March 2023 on the entry into force of amendments to Annexes A and B to the Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), signed in Geneva on 30 September 1957 (J. o. L. 2023, item 891)

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

| Indication of changes |                                                                 |                 |
|-----------------------|-----------------------------------------------------------------|-----------------|
| Section               | Changed item                                                    | Comments        |
|                       | Revision date                                                   | <b>Added</b>    |
|                       | Supersedes                                                      | <b>Added</b>    |
|                       | Carriage permitted (ADN)                                        | <b>Added</b>    |
| 1.1                   | UFI on SDS 1.1                                                  | <b>Added</b>    |
| 2.1                   | Adverse physicochemical, human health and environmental effects | <b>Modified</b> |
| 2.1                   | Classification according to Regulation (EC) No. 1272/2008 [CLP] | <b>Modified</b> |
| 2.2                   | Hazard statements (CLP)                                         | <b>Modified</b> |
| 2.2                   | Precautionary statements (CLP)                                  | <b>Modified</b> |
| 2.2                   | Hazard pictograms (CLP)                                         | <b>Modified</b> |
| 11.1                  | ATE dust/mist                                                   | <b>Modified</b> |
| 12.2                  | Persistence and degradability                                   | <b>Added</b>    |
| 13.1                  | H code                                                          | <b>Added</b>    |

# Flakes Sealer Epoxy B-component

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Indication of changes |              |          |
|-----------------------|--------------|----------|
| Section               | Changed item | Comments |
| 16                    | Data sources | Modified |

| Abbreviations and acronyms: |                                                                                                   |
|-----------------------------|---------------------------------------------------------------------------------------------------|
| ADR                         | European Agreement concerning the International Carriage of Dangerous Goods by Road               |
| ADN                         | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways   |
| ATE                         | Acute Toxicity Estimate                                                                           |
| CLP                         | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                       |
| IATA                        | International Air Transport Association                                                           |
| IMDG                        | International Maritime Dangerous Goods                                                            |
| LD50                        | Median lethal dose                                                                                |
| PBT                         | Persistent Bioaccumulative Toxic                                                                  |
| REACH                       | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail                      |
| SDS                         | Safety Data Sheet                                                                                 |
| vPvB                        | Very Persistent and Very Bioaccumulative                                                          |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Data sources      | : ECHA (European Chemicals Agency). Supplier's safety documents.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Other information | : REACH Disclaimer:<br>This information is based on current knowledge. Consistency of data in the SDS with CSR is considered, as far as the information is available at the time of compilation (cfr Revision date and Version number). <b>DISCLAIMER OF LIABILITY</b> The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable. |

| Full text of H- and EUH-statements: |                                                                   |
|-------------------------------------|-------------------------------------------------------------------|
| Acute Tox. 4 (Dermal)               | Acute toxicity (dermal), Category 4                               |
| Acute Tox. 4 (Inhalation)           | Acute toxicity (inhal.), Category 4                               |
| Acute Tox. 4 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 4                  |
| Acute Tox. 4 (Oral)                 | Acute toxicity (oral), Category 4                                 |
| Aquatic Chronic 2                   | Hazardous to the aquatic environment – Chronic Hazard, Category 2 |
| Aquatic Chronic 3                   | Hazardous to the aquatic environment – Chronic Hazard, Category 3 |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1                     |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2                     |

# Flakes Sealer Epoxy B-component

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Full text of H- and EUH-statements: |                                                        |
|-------------------------------------|--------------------------------------------------------|
| Repr. 2                             | Reproductive toxicity, Category 2                      |
| Skin Corr. 1B                       | Skin corrosion/irritation, Category 1, Sub-Category 1B |
| Skin Sens. 1                        | Skin sensitisation, Category 1                         |
| Skin Sens. 1A                       | Skin sensitisation, category 1A                        |
| Skin Sens. 1B                       | Skin sensitisation, category 1B                        |
| H302                                | Harmful if swallowed.                                  |
| H312                                | Harmful in contact with skin.                          |
| H314                                | Causes severe skin burns and eye damage.               |
| H317                                | May cause an allergic skin reaction.                   |
| H318                                | Causes serious eye damage.                             |
| H319                                | Causes serious eye irritation.                         |
| H332                                | Harmful if inhaled.                                    |
| H361d                               | Suspected of damaging the unborn child.                |
| H411                                | Toxic to aquatic life with long lasting effects.       |
| H412                                | Harmful to aquatic life with long lasting effects.     |
| EUH071                              | Corrosive to the respiratory tract.                    |

| Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]: |       |                    |
|---------------------------------------------------------------------------------------------------------------------------|-------|--------------------|
| Acute Tox. 4 (Oral)                                                                                                       | H302  | Calculation method |
| Acute Tox. 4<br>(Inhalation:dust,mist)                                                                                    | H332  | Calculation method |
| Skin Corr. 1B                                                                                                             | H314  | Calculation method |
| Eye Dam. 1                                                                                                                | H318  | Calculation method |
| Skin Sens. 1                                                                                                              | H317  | Calculation method |
| Repr. 2                                                                                                                   | H361d | Calculation method |
| Aquatic Chronic 2                                                                                                         | H411  | Calculation method |

This Safety Data Sheet is compiled by: ChemPros B.V. | +31(0)858881927 | info@chemprosbv.nl