

## SECTION 1: Kit identification

### 1.1 Kit identifier

Trade name : FIS EB II 390/585/1500 S

Article number : 00571693

### 1.2 Details of the supplier of the Kit safety information sheet

fischerwerke GmbH & Co. KG

Klaus-Fischer-Straße 1

72178 Waldachtal - Germany

T +49(0)7443 12-0 - F +49(0)7443 12-4222

[info-sdb@fischer.de](mailto:info-sdb@fischer.de) - [www.fischer.de](http://www.fischer.de)

## SECTION 2: General information

Storage : 5 - 25°C

A SDS for each of these components is included. Please do not separate any component SDS from this cover page This product is a Kit which consists of several independently packaged components

This Kit should be handled in accordance with good laboratory practices and appropriate personal protective equipment should be used

## SECTION 3: Kit contents

| Name                                          | Classification according to Regulation (EC) No. 1272/2008 [CLP]                          |
|-----------------------------------------------|------------------------------------------------------------------------------------------|
| FIS EB II 390/585/1500 S Component A (Mortar) | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>Aquatic Chronic 2, H411 |
| FIS EB II Component B (Hardener)              | Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>Aquatic Chronic 3, H412 |



**SECTION 1: Identification of the substance/mixture and of the company/undertaking**
**1.1. Product identifier**

Product form : Mixture  
 Trade name : FIS EB II 390/585/1500 S Component A (Mortar)  
 UFI : HM90-V02J-D001-WKPK  
 Article number : M147

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

Intended for general public  
 Main use category : Industrial use, Professional use  
 Use of the substance/mixture : composite mortar

**Uses advised against**

Restrictions on use : Observe technical data sheet

**1.3. Details of the supplier of the safety data sheet**
**Manufacturer**

fischerwerke GmbH & Co. KG  
 Klaus-Fischer-Straße 1  
 72178 Waldachtal  
 Germany  
 T +49(0)7443 12-0, F +49(0)7443 12-4222  
[info-sdb@fischer.de](mailto:info-sdb@fischer.de), [www.fischer.de](http://www.fischer.de)

**Distributor**

fischer fixings UK Ltd.  
 Whitely Road  
 Oxon OX10 9AT Wallingford  
 United Kingdom of Great Britain and Northern Ireland  
 T +44 14 91 82 79 00, F +44 14 91 82 79 53  
[info@fischer.co.uk](mailto:info@fischer.co.uk), [www.fischer.co.uk](http://www.fischer.co.uk)

**1.4. Emergency telephone number**

Emergency number : +49(0)6132-84463 (24h)

**SECTION 2: Hazards identification**
**2.1. Classification of the substance or mixture**
**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Skin Irrit. 2 H315  
 Eye Dam. 1 H318  
 Skin Sens. 1 H317  
 Aquatic Chronic 2 H411

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

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

No additional information available

**2.2. Label elements**
**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard pictograms (CLP)



Signal word (CLP)

: Danger

Contains

: reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight  $\leq 700$ );  
 reaction product: bisphenol-F-(epichlorhydrin) Epoxy resin (number average molecular weight  $\leq 700$ ); [3-(2,3-epoxypropoxy)propyl]trimethoxysilane; portland cement

Hazard statements (CLP)

: H315 - Causes skin irritation.  
 H317 - May cause an allergic skin reaction.  
 H318 - Causes serious eye damage.  
 H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP)

: P273 - Avoid release to the environment.  
 P280 - Wear eye protection, protective gloves, protective clothing.  
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

# FIS EB II 390/585/1500 S Component A (Mortar)

## Safety Data Sheet

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

P310 - Immediately call a POISON CENTER or doctor.

P391 - Collect spillage.

### 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                                                                                   | %                | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                    |
|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------|----------------------------------------------------------------------------------------------------|
| Sand (Quartz)<br>substance with national workplace exposure limit(s) (IE);<br>substance with a Community workplace exposure limit | CAS-No.: 14808-60-7<br>EC-No.: 238-878-4                                                             | $\geq 40 - < 50$ | Not classified                                                                                     |
| reaction product: bisphenol-A-(epichlorhydrin); epoxy resin<br>(number average molecular weight $\leq 700$ )                      | CAS-No.: 25068-38-6<br>EC-No.: 500-033-5<br>EC Index-No.: 603-074-00-8<br>REACH-no: 01-2119456619-26 | $\geq 20 - < 25$ | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317<br>Aquatic Chronic 2, H411         |
| portland cement<br>substance with national workplace exposure limit(s) (IE)                                                       | CAS-No.: 65997-15-1<br>EC-No.: 266-043-4                                                             | $\geq 15 - < 20$ | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>STOT SE 3, H335                                         |
| reaction product: bisphenol-F-(epichlorhydrin) Epoxy resin<br>(number average molecular weight $\leq 700$ )                       | CAS-No.: 9003-36-5<br>EC-No.: 500-006-8<br>REACH-no: 01-2119454392-40                                | $\geq 5 - < 10$  | Skin Irrit. 2, H315<br>Skin Sens. 1A, H317<br>Aquatic Chronic 2, H411                              |
| benzyl alcohol                                                                                                                    | 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   | $\geq 5 - < 10$  | Acute Tox. 4 (Oral), H302 (ATE=1580 mg/kg bodyweight)<br>Eye Irrit. 2, H319<br>Skin Sens. 1B, H317 |
| [3-(2,3-epoxypropoxy)propyl]trimethoxysilane                                                                                      | CAS-No.: 2530-83-8<br>EC-No.: 219-784-2<br>REACH-no: 01-2119513212-58                                | $\geq 2.5 - < 5$ | Eye Dam. 1, H318<br>Aquatic Chronic 3, H412                                                        |

### Specific concentration limits:

| Name                                                                                                         | Product identifier                                                                                   | Specific concentration limits (%)                                                         |
|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| reaction product: bisphenol-A-(epichlorhydrin); epoxy resin<br>(number average molecular weight $\leq 700$ ) | CAS-No.: 25068-38-6<br>EC-No.: 500-033-5<br>EC Index-No.: 603-074-00-8<br>REACH-no: 01-2119456619-26 | ( $5 \leq C \leq 100$ ) Eye Irrit. 2; H319<br>( $5 \leq C \leq 100$ ) Skin Irrit. 2; H315 |

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

No additional information available

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

No additional information available

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

No additional information available

# FIS EB II 390/585/1500 S Component A (Mortar)

## Safety Data Sheet

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

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Unsuitable extinguishing media : Strong water jet.

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

No additional information available

#### 5.3. Advice for firefighters

Other information : Do not allow water used to extinguish fire to enter drains, ground or waterways. Avoid direct discharge into drains.

### SECTION 6: Accidental release measures

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

No additional information available

#### 6.2. Environmental precautions

No additional information available

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

No additional information available

#### 6.4. Reference to other sections

No additional information available

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use. In the event that dust and/or fine particles are generated with this product, it is prudent to minimize prolonged inhalation exposure to these forms not to exceed the occupational exposure limit.

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

No additional information available

#### 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

##### Sand (Quartz) (14808-60-7)

##### EU - Indicative Occupational Exposure Limit (IOEL)

|                      |                                          |
|----------------------|------------------------------------------|
| Local name           | Silica crystalline (Quartz)              |
| IOEL TWA             | 0.05 mg/m <sup>3</sup> (respirable dust) |
| Remark               | (Year of adoption 2003)                  |
| Regulatory reference | SCOEL Recommendations                    |

##### Ireland - Occupational Exposure Limits

|                      |                                                    |
|----------------------|----------------------------------------------------|
| Local name           | Quartz, respirable dust                            |
| OEL TWA              | 0.1 mg/m <sup>3</sup>                              |
| Remark               | BOELV (Binding Occupational Exposure Limit Values) |
| Regulatory reference | Chemical Agents Code of Practice 2024              |

# FIS EB II 390/585/1500 S Component A (Mortar)

## Safety Data Sheet

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

### portland cement (65997-15-1)

|                                        |                                                             |
|----------------------------------------|-------------------------------------------------------------|
| Ireland - Occupational Exposure Limits |                                                             |
| Local name                             | Portland Cement [Cement (Portland)]                         |
| OEL TWA                                | 1 mg/m³ R (Respirable Fraction)                             |
| Remark                                 | Advisory OELV (Advisory Occupational Exposure Limit Values) |
| Regulatory reference                   | Chemical Agents Code of Practice 2024                       |

### 8.2. Exposure controls

#### Personal protection equipment

#### Skin protection

##### Hand protection:

Breakthrough time : refer to the recommendations of the supplier. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer

| Hand protection   |                                    |                  |                |             |          |
|-------------------|------------------------------------|------------------|----------------|-------------|----------|
| Type              | Material                           | Permeation       | Thickness (mm) | Penetration | Standard |
| Disposable gloves | Nitrile rubber (NBR), Butyl rubber | 2 (> 30 minutes) |                |             |          |

## SECTION 9: Physical and chemical properties

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

|                                                 |                            |
|-------------------------------------------------|----------------------------|
| Physical state                                  | : Solid                    |
| Colour                                          | : light yellow.            |
| Appearance                                      | : Paste.                   |
| Odour                                           | : slight.                  |
| Odour threshold                                 | : Not available            |
| Melting point                                   | : Not available            |
| Freezing point                                  | : Not available            |
| Boiling point                                   | : Not available            |
| Flammability                                    | : Not available            |
| Lower explosion limit                           | : Not applicable           |
| Upper explosion limit                           | : Not applicable           |
| Flash point                                     | : > 100 °C                 |
| Auto-ignition temperature                       | : Not applicable           |
| Decomposition temperature                       | : Not available            |
| pH                                              | : Not available            |
| pH solution                                     | : Not available            |
| Viscosity, kinematic                            | : 55555.556 – 125000 mm²/s |
| Viscosity, dynamic                              | : 100 – 200 Pa·s           |
| Solubility                                      | : Not available            |
| Partition coefficient n-octanol/water (Log Kow) | : Not available            |
| Vapour pressure                                 | : Not available            |
| Vapour pressure at 50°C                         | : Not available            |
| Density                                         | : 1.6 – 1.8 g/cm³          |
| Relative density                                | : Not available            |
| Relative vapour density at 20°C                 | : Not applicable           |
| Particle size                                   | : Not available            |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

No additional information available

# FIS EB II 390/585/1500 S Component A (Mortar)

## Safety Data Sheet

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

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

No additional information available

## SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

**reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700) (25068-38-6)**

LD50 oral rat > 2000 mg/kg bodyweight (OECD 402 method)

**reaction product: bisphenol-F-(epichlorhydrin) Epoxy resin (number average molecular weight ≤ 700) (9003-36-5)**

LD50 oral rat > 5000 mg/kg (OECD 401 method)

LD50 dermal rat > 2000 mg/kg (OECD 401 method)

**[3-(2,3-epoxypropoxy)propyl]trimethoxysilane (2530-83-8)**

LD50 oral rat 8025 mg/kg

LD50 dermal rabbit > 2000 mg/kg

LC50 Inhalation - Rat > 5.3 mg/l/4h (OECD 403 method)

**benzyl alcohol (100-51-6)**

LD50 oral 1580 mg/kg bodyweight mouse (OECD 401 method)

LD50 dermal rabbit > 2000 mg/kg bodyweight

LC50 Inhalation - Rat > 4178 mg/l/4h (OECD 403 method)

**portland cement (65997-15-1)**

LD50 dermal rabbit > 2000 mg/kg bodyweight Neither mortality nor clinical signs of toxicity were observed with the given dose

LC50 Inhalation - Rat > 5 g/m³ Neither mortality nor clinical signs of toxicity were observed with the given dose

Skin corrosion/irritation : Causes skin irritation.

**portland cement (65997-15-1)**

pH 12

Serious eye damage/irritation : Causes serious eye damage.

**portland cement (65997-15-1)**

pH 12

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

**Sand (Quartz) (14808-60-7)**

IARC group 1 - Carcinogenic to humans

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

# FIS EB II 390/585/1500 S Component A (Mortar)

## Safety Data Sheet

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

### portland cement (65997-15-1)

|                        |                                   |
|------------------------|-----------------------------------|
| STOT-single exposure   | May cause respiratory irritation. |
| STOT-repeated exposure | : Not classified                  |

### [3-(2,3-epoxypropoxy)propyl]trimethoxysilane (2530-83-8)

|                            |                                                                                                                                                                                                                                                              |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NOAEL (oral, rat, 90 days) | ≥ 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: other: |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### benzyl alcohol (100-51-6)

|                            |                                            |
|----------------------------|--------------------------------------------|
| NOAEL (oral, rat, 90 days) | 400 mg/kg bodyweight/day (OECD 451 method) |
| Aspiration hazard          | : Not classified                           |

### FIS EB II 390/585/1500 S Component A (Mortar)

|                      |                          |
|----------------------|--------------------------|
| Viscosity, kinematic | 55555.556 – 125000 mm²/s |
|----------------------|--------------------------|

### [3-(2,3-epoxypropoxy)propyl]trimethoxysilane (2530-83-8)

|                      |                                                                      |
|----------------------|----------------------------------------------------------------------|
| Viscosity, kinematic | 3.43 mm²/s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm²/s)' |
|----------------------|----------------------------------------------------------------------|

### benzyl alcohol (100-51-6)

|                      |             |
|----------------------|-------------|
| Viscosity, kinematic | 0.005 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                                   |
| Hazardous to the aquatic environment, long-term (chronic) | : Toxic to aquatic life with long lasting effects. |

### reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700) (25068-38-6)

|                      |                                            |
|----------------------|--------------------------------------------|
| LC50 - Fish [1]      | 2 mg/l Oncorhynchus mykiss (Rainbow trout) |
| EC50 - Crustacea [1] | 1.8 mg/l Daphnia magna (Water flea)        |
| EC50 72h - Algae [1] | 9.1 mg/l                                   |
| ErC50 algae          | 11 mg/l                                    |

### reaction product: bisphenol-F-(epichlorhydrin) Epoxy resin (number average molecular weight ≤ 700) (9003-36-5)

|                        |                                      |
|------------------------|--------------------------------------|
| LC50 - Fish [1]        | 2.54 mg/l                            |
| EC50 - Crustacea [1]   | 2.55 mg/l Daphnia magna (Water flea) |
| EC50 72h - Algae [1]   | > 1.8 mg/l (OECD 201 method)         |
| NOEC chronic crustacea | 0.3 mg/l                             |

### [3-(2,3-epoxypropoxy)propyl]trimethoxysilane (2530-83-8)

|                        |                                                         |
|------------------------|---------------------------------------------------------|
| LC50 - Fish [1]        | 55 mg/l Cyprinus carpio (Common carp)                   |
| EC50 - Crustacea [1]   | 324 mg/l Daphnia magna (Water flea)                     |
| EC50 72h - Algae [1]   | 255 mg/l                                                |
| LOEC (chronic)         | > 100 mg/l Daphnia magna (Water flea) - 21 d            |
| NOEC (chronic)         | ≥ 100 mg/l Daphnia magna (Water flea) - 21 d            |
| NOEC chronic crustacea | ≥ 100 mg/l Daphnia magna (Water flea) (OECD 202 method) |

### benzyl alcohol (100-51-6)

|                      |                                     |
|----------------------|-------------------------------------|
| LC50 - Fish [1]      | 460 mg/l Pimephales promelas        |
| EC50 - Crustacea [1] | 230 mg/l Daphnia magna (Water flea) |

# FIS EB II 390/585/1500 S Component A (Mortar)

## Safety Data Sheet

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

| benzyl alcohol (100-51-6) |                                          |
|---------------------------|------------------------------------------|
| EC50 72h - Algae [1]      | 770 mg/l Pseudokirchneriella subcapitata |
| EC50 72h - Algae [2]      | 500 mg/l Pseudokirchneriella subcapitata |
| NOEC chronic fish         | 48.9 mg/l                                |
| NOEC chronic crustacea    | 51 mg/l Daphnia magna (Water flea)       |
| NOEC chronic algae        | 310 mg/l Desmodesmus subspicatus         |

### 12.2. Persistence and degradability

| FIS EB II 390/585/1500 S Component A (Mortar)                                                                    |                               |
|------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Persistence and degradability                                                                                    | Not rapidly degradable        |
| reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700) (25068-38-6) |                               |
| Persistence and degradability                                                                                    | Rapidly degradable            |
| Biodegradation                                                                                                   | 12 % 28 d (OECD-Methode 302B) |
| reaction product: bisphenol-F-(epichlorhydrin) Epoxy resin (number average molecular weight ≤ 700) (9003-36-5)   |                               |
| Persistence and degradability                                                                                    | Not rapidly degradable        |
| [3-(2,3-epoxypropoxy)propyl]trimethoxysilane (2530-83-8)                                                         |                               |
| Persistence and degradability                                                                                    | Not rapidly degradable        |
| benzyl alcohol (100-51-6)                                                                                        |                               |
| Persistence and degradability                                                                                    | Rapidly degradable            |
| Sand (Quartz) (14808-60-7)                                                                                       |                               |
| Persistence and degradability                                                                                    | Not rapidly degradable        |
| portland cement (65997-15-1)                                                                                     |                               |
| Persistence and degradability                                                                                    | Not rapidly degradable        |

### 12.3. Bioaccumulative potential

| reaction product: bisphenol-F-(epichlorhydrin) Epoxy resin (number average molecular weight ≤ 700) (9003-36-5) |                       |
|----------------------------------------------------------------------------------------------------------------|-----------------------|
| Partition coefficient n-octanol/water (Log Pow)                                                                | 3.6 (OECD 117 method) |

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|                                            |                                                                                                                                                                                       |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product/Packaging disposal recommendations | : Only pass on empty containers/packaging for recycling.                                                                                                                              |
| Additional information                     | : Not classified as hazardous waste when part A and part B are mixed and are fully cured.                                                                                             |
| European List of Waste (LoW, EC 2000/532)  | : 08 04 09* - waste adhesives and sealants containing organic solvents or other dangerous substances<br>20 01 27* - paint, inks, adhesives and resins containing dangerous substances |

# FIS EB II 390/585/1500 S Component A (Mortar)

## Safety Data Sheet

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

### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

| ADR                                | IMDG                               | IATA                                |
|------------------------------------|------------------------------------|-------------------------------------|
| Special provision(s) applied : 375 | Special provision(s) applied : 969 | Special provision(s) applied : A197 |

These substances when carried in single or combination packagings containing a net quantity per single or inner packaging of 5 l or less for liquids or having a net mass per single or inner packaging of 5 kg or less for solids, are not subject to any other provisions of the transport regulations provided the packagings meet the general provisions.

#### 14.1. UN number or ID number

|         |         |         |
|---------|---------|---------|
| UN 3077 | UN 3077 | UN 3077 |
|---------|---------|---------|

#### 14.2. UN proper shipping name

|                                                                                |                                                                                |                                                                                |
|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Bisphenol-A/F-Epoxy Resin) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Bisphenol-A/F-Epoxy Resin) | Environmentally hazardous substance, solid, n.o.s. (Bisphenol-A/F-Epoxy Resin) |
|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------|

#### Transport document description

|                                                                                                     |                                                                                                                  |                                                                                                |
|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Bisphenol-A/F-Epoxy Resin), 9, III, (-) | UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Bisphenol-A/F-Epoxy Resin), 9, III, MARINE POLLUTANT | UN 3077 Environmentally hazardous substance, solid, n.o.s. (Bisphenol-A/F-Epoxy Resin), 9, III |
|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|

#### 14.3. Transport hazard class(es)

|                                                                                         |                                                                                         |                                                                                           |
|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| 9<br> | 9<br> | 9<br> |
|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|

#### 14.4. Packing group

|     |     |     |
|-----|-----|-----|
| III | III | III |
|-----|-----|-----|

#### 14.5. Environmental hazards

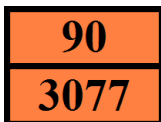
|                                    |                                                                                                               |                                    |
|------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------------|
| 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-F | Dangerous for the environment: Yes |
|------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------------|

No supplementary information available

#### 14.6. Special precautions for user

##### Overland transport

|                                                  |                           |
|--------------------------------------------------|---------------------------|
| Classification code (ADR)                        | : M7                      |
| Special provisions (ADR)                         | : 274, 335, 375, 601      |
| Limited quantities (ADR)                         | : 5kg                     |
| Excepted quantities (ADR)                        | : E1                      |
| Packing instructions (ADR)                       | : P002, IBC08, LP02, R001 |
| Special packing provisions (ADR)                 | : PP12, B3                |
| Mixed packing provisions (ADR)                   | : MP10                    |
| Transport category (ADR)                         | : 3                       |
| Special provisions for carriage - Packages (ADR) | : V13                     |
| Orange plates                                    | :                         |



Tunnel restriction code (ADR) : -

##### Transport by sea

|                                   |                           |
|-----------------------------------|---------------------------|
| Special provisions (IMDG)         | : 274, 335, 966, 967, 969 |
| Limited quantities (IMDG)         | : 5 kg                    |
| Packing instructions (IMDG)       | : LP02, P002              |
| Special packing provisions (IMDG) | : PP12                    |

##### Air transport

|                                 |         |
|---------------------------------|---------|
| PCA packing instructions (IATA) | : 956   |
| PCA max net quantity (IATA)     | : 400kg |

# FIS EB II 390/585/1500 S Component A (Mortar)

## Safety Data Sheet

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

CAO packing instructions (IATA) : 956  
CAO max net quantity (IATA) : 400kg  
Special provisions (IATA) : A97, A158, A179, A197, A215  
ERG code (IATA) : 9L

### 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)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### 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 (2024/590)

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

##### Explosives Precursors Regulation (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 (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)

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

### Full text of H- and EUH-statements:

|                     |                                                                                            |
|---------------------|--------------------------------------------------------------------------------------------|
| 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                                              |
| Skin Irrit. 2       | Skin corrosion/irritation, Category 2                                                      |
| Skin Sens. 1        | Skin sensitisation, Category 1                                                             |
| Skin Sens. 1A       | Skin sensitisation, category 1A                                                            |
| Skin Sens. 1B       | Skin sensitisation, category 1B                                                            |
| STOT SE 3           | Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation |
| H302                | Harmful if swallowed.                                                                      |

# FIS EB II 390/585/1500 S Component A (Mortar)

## Safety Data Sheet

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

| Full text of H- and EUH-statements: |                                                    |
|-------------------------------------|----------------------------------------------------|
| H315                                | Causes skin irritation.                            |
| H317                                | May cause an allergic skin reaction.               |
| H318                                | Causes serious eye damage.                         |
| H319                                | Causes serious eye irritation.                     |
| H335                                | May cause respiratory irritation.                  |
| H411                                | Toxic to aquatic life with long lasting effects.   |
| H412                                | Harmful to aquatic life with long lasting effects. |

| Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]: |      |                    |
|---------------------------------------------------------------------------------------------------------------------------|------|--------------------|
| Skin Irrit. 2                                                                                                             | H315 | Calculation method |
| Eye Dam. 1                                                                                                                | H318 | Calculation method |
| Skin Sens. 1                                                                                                              | H317 | Calculation method |
| Aquatic Chronic 2                                                                                                         | H411 | Calculation method |

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : FIS EB II Component B (Hardener)  
UFI : 4Q90-C0RX-P00H-KX8N  
Article number : M88

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

##### Relevant identified uses

Intended for general public  
Main use category : Industrial use, Professional use  
Use of the substance/mixture : composite mortar

##### Uses advised against

Restrictions on use : Observe technical data sheet

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

##### Manufacturer

fischerwerke GmbH & Co. KG  
Klaus-Fischer-Straße 1  
72178 Waldachtal  
Germany  
T +49(0)7443 12-0, F +49(0)7443 12-4222  
[info-sdb@fischer.de](mailto:info-sdb@fischer.de), [www.fischer.de](http://www.fischer.de)

##### Distributor

fischer fixings UK Ltd.  
Whitely Road  
Oxon OX10 9AT Wallingford  
United Kingdom of Great Britain and Northern Ireland  
T +44 14 91 82 79 00, F +44 14 91 82 79 53  
[info@fischer.co.uk](mailto:info@fischer.co.uk), [www.fischer.co.uk](http://www.fischer.co.uk)

#### 1.4. Emergency telephone number

Emergency number : +49(0)6132-84463 (24h)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Skin Corr. 1B H314  
Eye Dam. 1 H318  
Skin Sens. 1 H317  
Aquatic Chronic 3 H412  
Full text of hazard classes, H- and EUH-statements: see section 16

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

No additional information available

#### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS05

GHS07

Signal word (CLP) :

Danger

Contains

3-aminomethyl-3,5,5-trimethylcyclohexylamine; m-phenylenedis(methylamine); benzyl alcohol; 2,4,6-tris(dimethylaminomethyl)phenol; Phenol, styrenated; portland cement

Hazard statements (CLP) :

H314 - Causes severe skin burns and eye damage.  
H317 - May cause an allergic skin reaction.  
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP) :

P261 - Avoid breathing vapours.  
P280 - Wear eye protection, protective gloves.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with

# FIS EB II Component B (Hardener)

## Safety Data Sheet

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

water or shower.  
P310 - Immediately call a doctor.

### 2.3. Other hazards

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

| Component                                                                                     |                                                          |
|-----------------------------------------------------------------------------------------------|----------------------------------------------------------|
| Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII  | 3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2) |
| Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII | 3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2) |

The mixture contains substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are 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

| Component                                                                                                                                                                                                                                                                                                                       |                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is 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 | Phenol, styrenated (61788-44-1) |

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

| Name                                                                                                                              | Product identifier                                                                                  | %           | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sand (Quartz)<br>substance with national workplace exposure limit(s) (IE);<br>substance with a Community workplace exposure limit | CAS-No.: 14808-60-7<br>EC-No.: 238-878-4                                                            | ≥ 40 – < 50 | Not classified                                                                                                                                                                                                |
| portland cement<br>substance with national workplace exposure limit(s) (IE)                                                       | CAS-No.: 65997-15-1<br>EC-No.: 266-043-4                                                            | ≥ 15 – < 20 | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>STOT SE 3, H335                                                                                                                                                    |
| 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 | ≥ 15 – < 20 | Acute Tox. 4 (Oral), H302 (ATE=1030 mg/kg bodyweight)<br>Acute Tox. 4 (Dermal), H312 (ATE=1100 mg/kg bodyweight)<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1A, H317<br>Aquatic Chronic 3, H412 |
| m-phenylenebis(methylamine)<br>substance with national workplace exposure limit(s) (IE)                                           | CAS-No.: 1477-55-0<br>EC-No.: 216-032-5<br>REACH-no: 01-2119480150-50                               | ≥ 5 – < 10  | Acute Tox. 4 (Oral), H302 (ATE=930 mg/kg bodyweight)<br>Acute Tox. 4 (Inhalation:dust,mist), H332 (ATE=2.4 mg/l/4h)<br>Skin Corr. 1B, H314<br>Skin Sens. 1, H317<br>Aquatic Chronic 3, H412<br>EUH071         |
| 2,4,6-tris(dimethylaminomethyl)phenol                                                                                             | CAS-No.: 90-72-2<br>EC-No.: 202-013-9<br>EC Index-No.: 603-069-00-0<br>REACH-no: 01-2119560597-27   | ≥ 5 – < 10  | Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight)<br>Skin Corr. 1, H314<br>Eye Dam. 1, H318                                                                                                                |
| aliphatic polyamine                                                                                                               | -                                                                                                   | ≥ 2.5 – < 5 | Aquatic Chronic 4, H413                                                                                                                                                                                       |

# FIS EB II Component B (Hardener)

## Safety Data Sheet

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

| Name                                                                                 | Product identifier                                                                                 | %           | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                    |
|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------|
| Phenol, styrenated<br>substance identified as having endocrine disrupting properties | CAS-No.: 61788-44-1<br>EC-No.: 262-975-0<br>REACH-no: 01-2119980970-27                             | ≥ 2.5 – < 5 | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1A, H317<br>Aquatic Chronic 2, H411        |
| benzyl alcohol                                                                       | 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 | ≥ 0.5 – < 1 | Acute Tox. 4 (Oral), H302 (ATE=1580 mg/kg bodyweight)<br>Eye Irrit. 2, H319<br>Skin Sens. 1B, H317 |

### Specific concentration limits:

| Name                                         | Product identifier                                                                                  | Specific concentration limits (%)     |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------|
| 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 after inhalation   | : Remove person to fresh air and keep comfortable for breathing.                                                                                     |
| First-aid measures after skin contact | : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.                   |
| First-aid measures after eye contact  | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately. |
| First-aid measures after ingestion    | : Call a poison center or a doctor if you feel unwell.                                                                                               |

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

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

### 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. |
| Unsuitable extinguishing media | : Strong water jet.              |

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

|                                                  |                                |
|--------------------------------------------------|--------------------------------|
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |
|--------------------------------------------------|--------------------------------|

### 5.3. Advice for firefighters

|                                |                                                                                                                                          |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |
| Other information              | : Do not allow water used to extinguish fire to enter drains, ground or waterways. Avoid direct discharge into drains.                   |

## 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. Avoid breathing dust/fume/gas/mist/vapours/spray. |
|----------------------|----------------------------------------------------------------------------------------------------------------|

# FIS EB II Component B (Hardener)

## Safety Data Sheet

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

### 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.

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

Methods for cleaning up : Mechanically recover the product.  
Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use. In the event that dust and/or fine particles are generated with this product, it is prudent to minimize prolonged inhalation exposure to these forms not to exceed the occupational exposure limit.

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing vapours.

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 : Store in a well-ventilated place. Keep cool.

### 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

| m-phenylenebis(methylamine) (1477-55-0)            |                                                             |
|----------------------------------------------------|-------------------------------------------------------------|
| Ireland - Occupational Exposure Limits             |                                                             |
| Local name                                         | m-Xylene α,α'-diamine (m-phenylenebis(methylamine))         |
| OEL TWA                                            | 0.1 mg/m³                                                   |
| Remark                                             | Advisory OELV (Advisory Occupational Exposure Limit Values) |
| Regulatory reference                               | Chemical Agents Code of Practice 2024                       |
| Sand (Quartz) (14808-60-7)                         |                                                             |
| EU - Indicative Occupational Exposure Limit (IOEL) |                                                             |
| Local name                                         | Silica crystalline (Quartz)                                 |
| IOEL TWA                                           | 0.05 mg/m³ (respirable dust)                                |
| Remark                                             | (Year of adoption 2003)                                     |
| Regulatory reference                               | SCOEL Recommendations                                       |
| Ireland - Occupational Exposure Limits             |                                                             |
| Local name                                         | Quartz, respirable dust                                     |
| OEL TWA                                            | 0.1 mg/m³                                                   |
| Remark                                             | BOELV (Binding Occupational Exposure Limit Values)          |
| Regulatory reference                               | Chemical Agents Code of Practice 2024                       |

# FIS EB II Component B (Hardener)

## Safety Data Sheet

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

portland cement (65997-15-1)

|                                        |                                                             |
|----------------------------------------|-------------------------------------------------------------|
| Ireland - Occupational Exposure Limits |                                                             |
| Local name                             | Portland Cement [Cement (Portland)]                         |
| OEL TWA                                | 1 mg/m³ R (Respirable Fraction)                             |
| Remark                                 | Advisory OELV (Advisory Occupational Exposure Limit Values) |
| Regulatory reference                   | Chemical Agents Code of Practice 2024                       |

### 8.2. Exposure controls

#### Appropriate engineering controls

**Appropriate engineering controls:**  
Ensure good ventilation of the work station.

#### Personal protection equipment

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



#### Eye and face protection

**Eye protection:**  
Safety glasses

#### Skin protection

**Skin and body protection:**  
Wear suitable protective clothing

**Hand protection:**  
Protective gloves. Breakthrough time : refer to the recommendations of the supplier. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer

| Hand protection   |                                    |                  |                |             |          |
|-------------------|------------------------------------|------------------|----------------|-------------|----------|
| Type              | Material                           | Permeation       | Thickness (mm) | Penetration | Standard |
| Disposable gloves | Nitrile rubber (NBR), Butyl rubber | 2 (> 30 minutes) |                |             |          |

#### Respiratory protection

**Respiratory protection:**  
In case of insufficient ventilation, wear suitable respiratory equipment

#### Environmental exposure controls

**Environmental exposure controls:**  
Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

|                       |                  |
|-----------------------|------------------|
| Physical state        | : Solid          |
| Colour                | : Black.         |
| Appearance            | : Paste.         |
| Odour                 | : Amine-like.    |
| Odour threshold       | : Not available  |
| Melting point         | : Not available  |
| Freezing point        | : Not available  |
| Boiling point         | : Not available  |
| Flammability          | : Not available  |
| Lower explosion limit | : Not applicable |
| Upper explosion limit | : Not applicable |
| Flash point           | : Not applicable |

# FIS EB II Component B (Hardener)

## Safety Data Sheet

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

|                                                 |                            |
|-------------------------------------------------|----------------------------|
| Auto-ignition temperature                       | : Not applicable           |
| Decomposition temperature                       | : Not available            |
| pH                                              | : Not available            |
| pH solution                                     | : Not available            |
| Viscosity, kinematic                            | : 66666.667 – 125000 mm²/s |
| Viscosity, dynamic                              | : 120 – 200 Pa·s           |
| Solubility                                      | : Not available            |
| Partition coefficient n-octanol/water (Log Kow) | : Not available            |
| Vapour pressure                                 | : Not available            |
| Vapour pressure at 50°C                         | : Not available            |
| Density                                         | : 1.6 – 1.8 g/cm³          |
| Relative density                                | : Not available            |
| Relative vapour density at 20°C                 | : Not applicable           |
| Particle size                                   | : Not available            |

### 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

No additional information available

### 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)       | : Not classified |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

| 3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2) |                                               |
|----------------------------------------------------------|-----------------------------------------------|
| LD50 oral rat                                            | 1030 mg/kg bodyweight (OECD 401 method)       |
| LD50 dermal rat                                          | > 2000 mg/kg bodyweight (OECD 402 method)     |
| LC50 Inhalation - Rat (Dust/Mist)                        | > 5.01 mg/l/4h (OECD 403 method)              |
| m-phenylenebis(methylamine) (1477-55-0)                  |                                               |
| LD50 oral rat                                            | 930 mg/kg                                     |
| LD50 dermal rat                                          | > 3100 mg/kg bodyweight                       |
| LC50 Inhalation - Rat (Dust/Mist)                        | 2.4 mg/l/4h                                   |
| benzyl alcohol (100-51-6)                                |                                               |
| LD50 oral                                                | 1580 mg/kg bodyweight mouse (OECD 401 method) |
| LD50 dermal rabbit                                       | > 2000 mg/kg bodyweight                       |
| LC50 Inhalation - Rat                                    | > 4178 mg/l/4h (OECD 403 method)              |

# FIS EB II Component B (Hardener)

## Safety Data Sheet

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

|                                                                 |                                                                                                                       |
|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>2,4,6-tris(dimethylaminomethyl)phenol (90-72-2)</b>          |                                                                                                                       |
| LD50 oral rat                                                   | 2169 mg/kg bodyweight (OECD 401 method)                                                                               |
| <b>Phenol, styrenated (61788-44-1)</b>                          |                                                                                                                       |
| LD50 oral rat                                                   | > 2000 mg/kg bodyweight (OECD 423 method)                                                                             |
| LD50 dermal rat                                                 | > 2000 mg/kg bodyweight (OECD 402 method)                                                                             |
| LC50 Inhalation - Rat                                           | > 4.92 mg/l                                                                                                           |
| <b>portland cement (65997-15-1)</b>                             |                                                                                                                       |
| LD50 dermal rabbit                                              | > 2000 mg/kg bodyweight Neither mortality nor clinical signs of toxicity were observed with the given dose            |
| LC50 Inhalation - Rat                                           | > 5 g/m³ Neither mortality nor clinical signs of toxicity were observed with the given dose                           |
| Skin corrosion/irritation                                       | : Causes severe skin burns.                                                                                           |
| <b>Phenol, styrenated (61788-44-1)</b>                          |                                                                                                                       |
| pH                                                              | 6.85 Temp.: 30 °C Concentration: 1 vol% Remarks on result: 'other:'                                                   |
| <b>portland cement (65997-15-1)</b>                             |                                                                                                                       |
| pH                                                              | 12                                                                                                                    |
| Serious eye damage/irritation                                   | : Causes serious eye damage.                                                                                          |
| <b>Phenol, styrenated (61788-44-1)</b>                          |                                                                                                                       |
| pH                                                              | 6.85 Temp.: 30 °C Concentration: 1 vol% Remarks on result: 'other:'                                                   |
| <b>portland cement (65997-15-1)</b>                             |                                                                                                                       |
| pH                                                              | 12                                                                                                                    |
| Respiratory or skin sensitisation                               | : May cause an allergic skin reaction.                                                                                |
| Germ cell mutagenicity                                          | : Not classified                                                                                                      |
| Carcinogenicity                                                 | : Not classified                                                                                                      |
| <b>Sand (Quartz) (14808-60-7)</b>                               |                                                                                                                       |
| IARC group                                                      | 1 - Carcinogenic to humans                                                                                            |
| Reproductive toxicity                                           | : Not classified                                                                                                      |
| STOT-single exposure                                            | : Not classified                                                                                                      |
| <b>portland cement (65997-15-1)</b>                             |                                                                                                                       |
| STOT-single exposure                                            | May cause respiratory irritation.                                                                                     |
| STOT-repeated exposure                                          | : Not classified                                                                                                      |
| <b>3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2)</b> |                                                                                                                       |
| LOAEL (oral, rat, 90 days)                                      | 160 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) |
| <b>benzyl alcohol (100-51-6)</b>                                |                                                                                                                       |
| NOAEL (oral, rat, 90 days)                                      | 400 mg/kg bodyweight/day (OECD 451 method)                                                                            |
| <b>Phenol, styrenated (61788-44-1)</b>                          |                                                                                                                       |
| LOAEL (oral, rat, 90 days)                                      | 337 mg/kg bodyweight (OECD 422 method)                                                                                |
| NOAEL (dermal, rat/rabbit, 90 days)                             | 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)     |
| Aspiration hazard                                               | : Not classified                                                                                                      |
| <b>FIS EB II Component B (Hardener)</b>                         |                                                                                                                       |
| Viscosity, kinematic                                            | 66666.667 – 125000 mm²/s                                                                                              |
| <b>3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2)</b> |                                                                                                                       |
| Viscosity, kinematic                                            | 19 mm²/s Temp.: 'other:' Parameter: 'kinematic viscosity (in mm²/s)'                                                  |
| <b>benzyl alcohol (100-51-6)</b>                                |                                                                                                                       |
| Viscosity, kinematic                                            | 0.005 mm²/s                                                                                                           |

# FIS EB II Component B (Hardener)

## Safety Data Sheet

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

### 11.2. Information on other hazards

#### Endocrine disrupting properties

| Component                       |                                                                                                                                    |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Phenol, styrenated (61788-44-1) | The substance is identified for having endocrine disrupting properties but there is no additional data available (see section 2.3) |

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Harmful to aquatic life with long lasting effects.

| 3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2) |                                                                     |
|----------------------------------------------------------|---------------------------------------------------------------------|
| LC50 - Fish [1]                                          | 110 mg/l Leuciscus idus (golden orfe)                               |
| EC50 - Crustacea [1]                                     | 23 mg/l Daphnia magna (Water flea)                                  |
| EC50 72h - Algae [1]                                     | > 50 mg/l Desmodesmus subspicatus                                   |
| LOEC (chronic)                                           | 10 mg/l Test organisms (species): Daphnia magna Duration: '21 d'    |
| NOEC (chronic)                                           | 3 mg/l Test organisms (species): Daphnia magna Duration: '21 d'     |
| NOEC chronic crustacea                                   | 3 mg/l 21 d, Daphnia magna (Water flea)                             |
| NOEC chronic algae                                       | 1.5 mg/l 21 d, Desmodesmus subspicatus                              |
| m-phenylenebis(methylamine) (1477-55-0)                  |                                                                     |
| LC50 - Fish [1]                                          | 87.6 mg/l Oryzias latipes (Ricefish)                                |
| EC50 - Crustacea [1]                                     | 15.2 mg/l Daphnia magna (Water flea)                                |
| EC50 72h - Algae [1]                                     | 20.3 mg/l Pseudokirchneriella subcapitata                           |
| EC50 72h - Algae [2]                                     | 33.3 mg/l Pseudokirchneriella subcapitata                           |
| LOEC (chronic)                                           | 15 mg/l Test organisms (species): Daphnia magna Duration: '21 d'    |
| NOEC (chronic)                                           | 4.7 mg/l Daphnia magna (Water flea)                                 |
| NOEC chronic crustacea                                   | 4.7 mg/l Daphnia magna (Water flea)                                 |
| benzyl alcohol (100-51-6)                                |                                                                     |
| LC50 - Fish [1]                                          | 460 mg/l Pimephales promelas                                        |
| EC50 - Crustacea [1]                                     | 230 mg/l Daphnia magna (Water flea)                                 |
| EC50 72h - Algae [1]                                     | 770 mg/l Pseudokirchneriella subcapitata                            |
| EC50 72h - Algae [2]                                     | 500 mg/l Pseudokirchneriella subcapitata                            |
| NOEC chronic fish                                        | 48.9 mg/l                                                           |
| NOEC chronic crustacea                                   | 51 mg/l Daphnia magna (Water flea)                                  |
| NOEC chronic algae                                       | 310 mg/l Desmodesmus subspicatus                                    |
| 2,4,6-tris(dimethylaminomethyl)phenol (90-72-2)          |                                                                     |
| LC50 - Fish [1]                                          | > 100 mg/l Cyprinus carpio (Common carp)                            |
| EC50 - Crustacea [1]                                     | > 100 mg/l Daphnia magna (Water flea)                               |
| EC50 72h - Algae [1]                                     | 84 mg/l (OECD 201 method)                                           |
| NOEC (chronic)                                           | 2 mg/l                                                              |
| Phenol, styrenated (61788-44-1)                          |                                                                     |
| LC50 - Fish [1]                                          | 5.6 mg/l                                                            |
| EC50 - Crustacea [1]                                     | 4.6 mg/l Daphnia magna (Water flea)                                 |
| EC50 72h - Algae [1]                                     | 20.42 mg/l                                                          |
| NOEC (chronic)                                           | 0.115 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |

# FIS EB II Component B (Hardener)

## Safety Data Sheet

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

### 12.2. Persistence and degradability

| FIS EB II Component B (Hardener)                         |                        |
|----------------------------------------------------------|------------------------|
| Persistence and degradability                            | Not rapidly degradable |
| 3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2) |                        |
| Persistence and degradability                            | Rapidly degradable     |
| m-phenylenebis(methylamine) (1477-55-0)                  |                        |
| Persistence and degradability                            | Not rapidly degradable |
| benzyl alcohol (100-51-6)                                |                        |
| Persistence and degradability                            | Rapidly degradable     |
| aliphatic polyamine                                      |                        |
| Persistence and degradability                            | Not rapidly degradable |
| 2,4,6-tris(dimethylaminomethyl)phenol (90-72-2)          |                        |
| Persistence and degradability                            | Rapidly degradable     |
| Phenol, styrenated (61788-44-1)                          |                        |
| Persistence and degradability                            | Not rapidly degradable |
| Sand (Quartz) (14808-60-7)                               |                        |
| Persistence and degradability                            | Not rapidly degradable |
| portland cement (65997-15-1)                             |                        |
| Persistence and degradability                            | Not rapidly degradable |

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

| Component                                                                                     |                                                          |
|-----------------------------------------------------------------------------------------------|----------------------------------------------------------|
| Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII  | 3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2) |
| Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII | 3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2) |

### 12.6. Endocrine disrupting properties

| Component                       |                                                                                                                                    |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Phenol, styrenated (61788-44-1) | The substance is identified for having endocrine disrupting properties but there is no additional data available (see section 2.3) |

### 12.7. Other adverse effects

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.                                                                                         |
| Product/Packaging disposal recommendations | : Only pass on empty containers/packaging for recycling.                                                                                                                              |
| Additional information                     | : Not classified as hazardous waste when part A and part B are mixed and are fully cured.                                                                                             |
| European List of Waste (LoW, EC 2000/532)  | : 08 04 09* - waste adhesives and sealants containing organic solvents or other dangerous substances<br>20 01 27* - paint, inks, adhesives and resins containing dangerous substances |

# FIS EB II Component B (Hardener)

## Safety Data Sheet

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

### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

| ADR                                                                                                 | IMDG                                                                                                        | IATA                                                                                           |
|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <b>14.1. UN number or ID number</b>                                                                 |                                                                                                             |                                                                                                |
| UN 3259                                                                                             | UN 3259                                                                                                     | UN 3259                                                                                        |
| <b>14.2. UN proper shipping name</b>                                                                |                                                                                                             |                                                                                                |
| AMINES, SOLID, CORROSIVE, N.O.S. (3-aminomethyl-3,5,5-trimethylcyclohexylamine)                     | AMINES, SOLID, CORROSIVE, N.O.S. (3-aminomethyl-3,5,5-trimethylcyclohexylamine)                             | Amines, solid, corrosive, n.o.s. (3-aminomethyl-3,5,5-trimethylcyclohexylamine)                |
| <b>Transport document description</b>                                                               |                                                                                                             |                                                                                                |
| UN 3259 AMINES, SOLID, CORROSIVE, N.O.S. (3-aminomethyl-3,5,5-trimethylcyclohexylamine), 8, II, (E) | UN 3259 AMINES, SOLID, CORROSIVE, N.O.S. (3-aminomethyl-3,5,5-trimethylcyclohexylamine), 8, II              | UN 3259 Amines, solid, corrosive, n.o.s. (3-aminomethyl-3,5,5-trimethylcyclohexylamine), 8, II |
| <b>14.3. Transport hazard class(es)</b>                                                             |                                                                                                             |                                                                                                |
| 8                                                                                                   | 8                                                                                                           | 8                                                                                              |
|                    |                            |             |
| <b>14.4. Packing group</b>                                                                          |                                                                                                             |                                                                                                |
| II                                                                                                  | II                                                                                                          | II                                                                                             |
| <b>14.5. Environmental hazards</b>                                                                  |                                                                                                             |                                                                                                |
| Dangerous for the environment: No                                                                   | Dangerous for the environment: No<br>Marine pollutant: No<br>EmS-No. (Fire): F-A<br>EmS-No. (Spillage): S-B | Dangerous for the environment: No                                                              |
| No supplementary information available                                                              |                                                                                                             |                                                                                                |

### 14.6. Special precautions for user

#### Overland transport

|                                                  |               |
|--------------------------------------------------|---------------|
| Classification code (ADR)                        | : C8          |
| Special provisions (ADR)                         | : 274         |
| Limited quantities (ADR)                         | : 1kg         |
| Excepted quantities (ADR)                        | : E2          |
| Packing instructions (ADR)                       | : P002, IBC08 |
| Special packing provisions (ADR)                 | : B4          |
| Mixed packing provisions (ADR)                   | : MP10        |
| Transport category (ADR)                         | : 2           |
| Special provisions for carriage - Packages (ADR) | : V11         |
| Orange plates                                    | :             |



|                               |     |
|-------------------------------|-----|
| Tunnel restriction code (ADR) | : E |
|-------------------------------|-----|

#### Transport by sea

|                                    |                                                                                                                                                                                                                                                                                   |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Special provisions (IMDG)          | : 274                                                                                                                                                                                                                                                                             |
| Limited quantities (IMDG)          | : 1 kg                                                                                                                                                                                                                                                                            |
| Packing instructions (IMDG)        | : P002                                                                                                                                                                                                                                                                            |
| Properties and observations (IMDG) | : Colourless to yellowish solids 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. Cause burns to skin, eyes and mucous membranes. React violently with acids. |

#### Air transport

|                                 |            |
|---------------------------------|------------|
| PCA packing instructions (IATA) | : 859      |
| PCA max net quantity (IATA)     | : 15kg     |
| CAO packing instructions (IATA) | : 863      |
| CAO max net quantity (IATA)     | : 50kg     |
| Special provisions (IATA)       | : A3, A803 |
| ERG code (IATA)                 | : 8L       |

# FIS EB II Component B (Hardener)

## 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)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### 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 (2024/590)

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

##### Explosives Precursors Regulation (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 (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)

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

#### Indication of changes

| Section | Changed item          | Comments |
|---------|-----------------------|----------|
|         | Revision date         | Modified |
|         | Supersedes version of | Modified |

#### Abbreviations and acronyms:

|      |                                                                                                 |
|------|-------------------------------------------------------------------------------------------------|
| ADN  | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR  | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE  | Acute Toxicity Estimate                                                                         |
| BCF  | Bioconcentration factor                                                                         |
| BLV  | Biological limit value                                                                          |
| BOD  | Biochemical oxygen demand (BOD)                                                                 |
| COD  | Chemical oxygen demand (COD)                                                                    |
| DMEL | Derived Minimal Effect level                                                                    |
| DNEL | Derived-No Effect Level                                                                         |

# FIS EB II Component B (Hardener)

## Safety Data Sheet

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

| Abbreviations and acronyms: |                                                                              |
|-----------------------------|------------------------------------------------------------------------------|
| EC-No.                      | European Community number                                                    |
| EC50                        | Median effective concentration                                               |
| EN                          | European Standard                                                            |
| IARC                        | International Agency for Research on Cancer                                  |
| IATA                        | International Air Transport Association                                      |
| IMDG                        | International Maritime Dangerous Goods                                       |
| LC50                        | Median lethal concentration                                                  |
| LD50                        | Median lethal dose                                                           |
| LOAEL                       | Lowest Observed Adverse Effect Level                                         |
| NOAEC                       | No-Observed Adverse Effect Concentration                                     |
| NOAEL                       | No-Observed Adverse Effect Level                                             |
| NOEC                        | No-Observed Effect Concentration                                             |
| OECD                        | Organisation for Economic Co-operation and Development                       |
| OEL                         | Occupational Exposure Limit                                                  |
| PBT                         | Persistent Bioaccumulative Toxic                                             |
| PNEC                        | Predicted No-Effect Concentration                                            |
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS                         | Safety Data Sheet                                                            |
| STP                         | Sewage treatment plant                                                       |
| ThOD                        | Theoretical oxygen demand (ThOD)                                             |
| TLM                         | Median Tolerance Limit                                                       |
| VOC                         | Volatile Organic Compounds                                                   |
| CAS-No.                     | Chemical Abstract Service number                                             |
| N.O.S.                      | Not Otherwise Specified                                                      |
| vPvB                        | Very Persistent and Very Bioaccumulative                                     |
| ED                          | Endocrine disruptor                                                          |

| Full text of H- and EUH-statements:    |                                                                                            |
|----------------------------------------|--------------------------------------------------------------------------------------------|
| Acute Tox. 4 (Dermal)                  | Acute toxicity (dermal), Category 4                                                        |
| Acute Tox. 4<br>(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                          |
| Aquatic Chronic 4                      | Hazardous to the aquatic environment – Chronic Hazard, Category 4                          |
| Eye Dam. 1                             | Serious eye damage/eye irritation, Category 1                                              |
| Eye Irrit. 2                           | Serious eye damage/eye irritation, Category 2                                              |
| Skin Corr. 1                           | Skin corrosion/irritation, Category 1                                                      |
| Skin Corr. 1B                          | Skin corrosion/irritation, Category 1, Sub-Category 1B                                     |
| Skin Irrit. 2                          | Skin corrosion/irritation, Category 2                                                      |
| Skin Sens. 1                           | Skin sensitisation, Category 1                                                             |
| Skin Sens. 1A                          | Skin sensitisation, category 1A                                                            |
| Skin Sens. 1B                          | Skin sensitisation, category 1B                                                            |
| STOT SE 3                              | Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation |

# FIS EB II Component B (Hardener)

## Safety Data Sheet

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

| Full text of H- and EUH-statements: |                                                         |
|-------------------------------------|---------------------------------------------------------|
| H302                                | Harmful if swallowed.                                   |
| H312                                | Harmful in contact with skin.                           |
| H314                                | Causes severe skin burns and eye damage.                |
| H315                                | Causes skin irritation.                                 |
| H317                                | May cause an allergic skin reaction.                    |
| H318                                | Causes serious eye damage.                              |
| H319                                | Causes serious eye irritation.                          |
| H332                                | Harmful if inhaled.                                     |
| H335                                | May cause respiratory irritation.                       |
| H411                                | Toxic to aquatic life with long lasting effects.        |
| H412                                | Harmful to aquatic life with long lasting effects.      |
| H413                                | May cause long lasting harmful effects to aquatic life. |
| EUH071                              | Corrosive to the respiratory tract.                     |

| Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]: |      |                    |
|---------------------------------------------------------------------------------------------------------------------------|------|--------------------|
| Skin Corr. 1B                                                                                                             | H314 | Calculation method |
| Eye Dam. 1                                                                                                                | H318 | Calculation method |
| Skin Sens. 1                                                                                                              | H317 | Calculation method |
| Aquatic Chronic 3                                                                                                         | H412 | Calculation method |

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.