

## Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 23.03.2024

Version number 28




Revision: 23.03.2024

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

- **Product identifier**
- **Trade name** MC-Floor Connect Adhesive - Komponente A
- **Relevant identified uses of the substance or mixture and uses advised against** No further relevant information available.
- **Application of the substance / the mixture** Epoxy coating
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:** 
 MC-Bauchemie Müller GmbH & Co. KG  
 Am Kruppwald 1-8  
 D-46238 Bottrop  
 Tel.: +49(0)2041-101-0  
 Fax.: +49(0)2041-101-400  
 E-Mail: info@mc-bauchemie.de  
  
 MC-Bauchemie AG  
 Hagackerstr. 10  
 CH-8953 Dietikon  
 Tel.: +44-7400510  
 Fax : +44-7400533
- **Informing department:** msds@mc-bauchemie.de

### 2 Hazards identification

- **Classification of the substance or mixture**
  - Skin Irrit. 2 H315 Causes skin irritation.
  - Serious eye damage/irritation – Category 2A H319 Causes serious eye irritation.
  - Skin Sens. 1 H317 May cause an allergic skin reaction.
  - STOT RE 1 H372 Causes damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.
  - Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.
- **Label elements**
- **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).
- **Hazard pictograms**

GHS07   GHS08   GHS09
- **Signal word** Danger
- **Hazard-determining components of labelling:** epoxide derivatives

(Contd. on page 2)

## Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 23.03.2024

Version number 28

Revision: 23.03.2024

**Trade name MC-Floor Connect Adhesive - Komponente A**

(Contd. of page 1)

- Hazard statements**
- crystalline silica  
Reaction mass of 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]dioxirane and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy}methyl)oxirane and 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]dioxirane  
Reaction products of hexane-1,6-diol with 2-(chloromethyl)oxirane (1:2)  
Causes skin irritation.  
Causes serious eye irritation.  
May cause an allergic skin reaction.  
Causes damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.
- Precautionary statements**
- Toxic to aquatic life with long lasting effects.  
Do not breathe dust/fume/gas/mist/vapours/spray.  
Avoid release to the environment.  
Wear protective gloves / eye protection / face protection.  
IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.  
If skin irritation or rash occurs: Get medical advice/attention.  
If eye irritation persists: Get medical advice/attention.
- Other hazards**
- Results of PBT and vPvB assessment**
- PBT:** Not applicable.
- vPvB:** Not applicable.

### 3 Composition/information on ingredients

- Chemical characterisation: Mixtures**
- Description:** Mixture consisting of the following components.

**Dangerous components:**

|                  |   |           |
|------------------|---|-----------|
| CAS: 14808-60-7  | crystalline silica<br>STOT RE 1, H372   | 30-60%    |
| CAS: 1675-54-3   | epoxide derivatives<br>Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Eye Irrit. 2, H319;<br>Skin Sens. 1, H317  | ≥10-<25%  |
| CAS: 9003-36-5   | Reaction mass of 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]dioxirane and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy}methyl)oxirane and 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]dioxirane<br>Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Skin Sens. 1, H317; Acute Tox. 5, H303; Acute Tox. 5, H313 | ≥2.5-<10% |
| CAS: 933999-84-9 | Reaction products of hexane-1,6-diol with 2-(chloromethyl)oxirane (1:2)<br>Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317;<br>Aquatic Chronic 3, H412  | ≥2.5-<5%  |

(Contd. on page 3)

## Safety data sheet

### according to Regulation (EC) No 1907/2006, Article 31

Printing date 23.03.2024

Version number 28

Revision: 23.03.2024

**Trade name MC-Floor Connect Adhesive - Komponente A**

|                  |   |                    |
|------------------|---|--------------------|
|                  |   | (Contd. of page 2) |
| CAS: 67762-90-7  | Hydrophobes Siliziumdioxid, synthetisch, amorph<br>Acute Tox. 5, H313                                 | <2.5%              |
| CAS: 100-51-6    | Benzyl alcohol<br>Acute Tox. 4, H302; Acute Tox. 4, H332; Eye Irrit. 2, H319                          | <2.5%              |
| CAS: 2530-83-8   | [3-(2,3-epoxypropoxy)propyl]trimethoxysilane<br>Eye Dam. 1, H318; Acute Tox. 5, H313                  | ≥1-<1.5%           |
| CAS: 13463-67-7  | titanium dioxide<br>Carc. 2, H351; Acute Tox. 5, H333   | <1%                |
| CAS: 222417-26-7 | Polyacrylate<br>Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315 | ≥0.025-<0.25%      |

· **Additional information** For the wording of the listed hazard phrases refer to section 16.

#### 4 First aid measures

· **Description of first aid measures**

- **General information** Remove contaminated clothing immediately. Consult a doctor if symptoms occur. Move affected person to fresh air.
- **After inhalation** Supply fresh air; seek medical advice if symptoms occur.  
If unconscious, place in recovery position and seek medical advice.
- **After skin contact** In case of contact with skin, wash carefully with plenty of soap and water. Consult a doctor in case of skin reactions.
- **After eye contact** Rinse opened eye for several minutes under running water.  
Call a doctor immediately
- **After swallowing** Rinse mouth with water. Never give anything by mouth to an unconscious person. DO NOT induce vomiting. If symptoms persist, consult a doctor.

· **Information for doctor**

· **Most important symptoms and effects, both acute and delayed**

Advice for the doctor: Elementary aid, decontamination, symptomatic treatment.

#### 5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents** Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.



BE SURE. BUILD SURE.

Page 4/12

## **Safety data sheet** **according to Regulation (EC) No 1907/2006, Article 31**

Printing date 23.03.2024

Version number 28

Revision: 23.03.2024

**Trade name MC-Floor Connect Adhesive - Komponente A**

(Contd. of page 3)

### **6 Accidental release measures**

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Inform respective authorities in case product reaches water or sewage system.
- **Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Ensure adequate ventilation.
- **Reference to other sections** See Section 7 for information on safe handling  
See Section 8 for information on personal protection equipment.  
See Section 13 for information on disposal.

### **7 Handling and storage**

- **Handling**
- **Precautions for safe handling** Open and handle containers with care.  
Only use in well-ventilated areas (e.g. open construction, outdoor areas), in rooms without air exchange (e.g. closed rooms, underground car parks) ventilation measures are required.  
are required.  
Wear suitable personal protective equipment (see section 8). Avoid contact with eyes, skin and clothing. Change contaminated or damaged gloves and contaminated clothing immediately and wash skin immediately. Mix slowly, partially covering the mixing container. Pour carefully and slowly when repotting. Observe the BGGau technical data sheet and practical guide for handling epoxy resins. Open and handle containers with care.
- **Information about protection against explosions and fires:** Ensure sufficient air exchange and/or extraction in the working areas. Take precautionary measures to avoid electrostatic discharges.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Further information about storage conditions:** None.
- **Storage class** 6.1C

### **8 Exposure controls/personal protection**

- **Additional information about design of technical systems:** No further data; see section 7.

(Contd. on page 5)

AE

## Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 23.03.2024

Version number 28

Revision: 23.03.2024

**Trade name MC-Floor Connect Adhesive - Komponente A**

(Contd. of page 4)

· **Control parameters**

· **Components with critical values that require monitoring at the workplace:**

**CAS: 14808-60-7 crystalline silica**

|                        |  |
|------------------------|--|
| PEL (USA)              | Long-term value: 0.05* mg/m <sup>3</sup><br>*resp. dust; 30mg/m <sup>3</sup> /%SiO <sub>2</sub> +2 |
| REL (USA)              | Long-term value: 0.05* mg/m <sup>3</sup><br>*respirable dust; See Pocket Guide App. A              |
| TLV (USA)              | Long-term value: 0.025* mg/m <sup>3</sup><br>*respirable particulate matter, A2                    |
| BOELV (European Union) | Long-term value: 0.1* mg/m <sup>3</sup><br>*respirable fraction                                    |

**CAS: 100-51-6 Benzyl alcohol**

|            |                         |
|------------|-------------------------|
| WEEL (USA) | Long-term value: 10 ppm |
|------------|-------------------------|

· **DNELs**

**CAS: 100-51-6 Benzyl alcohol**

|            |      |   |
|------------|------|---|
| Oral       | DNEL | 4 mg/kg bw/Tag (ArL)<br>20 mg/kg bw/Tag (Ark)             |
| Dermal     | DNEL | 8 mg/kg bw/day (ArL)<br>40 mg/kg bw/day (Ark)             |
| Inhalative | DNEL | 22 mg/m <sup>3</sup> (ArL)<br>110 mg/m <sup>3</sup> (Ark) |

· **PNECs**

**CAS: 100-51-6 Benzyl alcohol**

|      |   |
|------|---|
| PNEC | 0.527 mg/l (Marine water sediment)<br>0.1 mg/l (Mew)<br>1 mg/l (Fresh water sediment) |
| PNEC | 0.456 mg/kg dwt (Bod)<br>5.27 mg/kg dwt (Fresh water sediment)                        |

· **Additional information:** The lists that were valid during the compilation were used as basis.

· **Exposure controls**

· **Personal protective equipment**

· **General protective and hygienic measures**

Keep away from food, drink and animal feed.  
Remove soiled, soaked clothing immediately.  
Wash hands before breaks and at the end of work.  
Avoid contact with eyes and skin.

· **Breathing equipment:**

If workplace limit values cannot be complied with by ventilation measures or if rooms cannot be technically ventilated, respiratory protection must be worn: Use combination filter A1-P2 (brown/white) in rooms that cannot be ventilated. If oxygen deficiency is expected, use self-contained breathing apparatus. Observe wearing time limits according to §9 (3) GefStoffV in conjunction with BGR 190.

(Contd. on page 6)

## Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 23.03.2024

Version number 28

Revision: 23.03.2024

**Trade name MC-Floor Connect Adhesive - Komponente A**

(Contd. of page 5)

- **Protection of hands:** Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves** You can find help with choosing gloves on the website <https://www.bgbau.de/fileadmin/Gisbau/Projekte.pdf>  
For example, we recommend the Sol-vex 37-900 protective gloves from Ansell GmbH. The breakthrough time of the protective gloves can be found under point 8 "Penetration time of the glove material". The selection of a suitable glove depends not only on the material, but also on other quality features and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of glove materials cannot be calculated in advance and must therefore be checked before use.  
Nitrile rubber  
Recommended material thickness:  $\geq 0.4$  mm
- **Penetration time of glove material** The breakthrough times of the Sol-vex 37-900 protective gloves are around 8 hours.  
The following applies to all other gloves:  
The exact breakthrough time must be obtained from the protective glove manufacturer and adhered to.  
Nitrile rubber  
Material thickness:  $\geq 0.40$  mm  
Penetration time:  $\geq 480$  min  
Butyl rubber:  
Material thickness:  $\geq 0.5$  mm  
Penetration time:  $\geq 480$  min
- **Eye protection:** Tight-fitting safety goggles.  
Safety goggles.
- **Body protection:** Protective clothing  
Suitable protective clothing should be worn when working with epoxy resins. In addition to normal work clothing (long trousers, long-sleeved shirt or T-shirt), disposable overalls, aprons, overshoes, sleeve protectors etc. may be necessary depending on the activity. Uncovered areas of skin should be avoided as far as possible, even in hot weather. If the work involves kneeling, the lower leg area should be protected by protective trousers.

## 9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
  - Form: Fluid
  - Colour: Whitish
  - Smell: Characteristic

(Contd. on page 7)



BE SURE. BUILD SURE.

Page 7/12

**Safety data sheet**  
**according to Regulation (EC) No 1907/2006, Article 31**

Printing date 23.03.2024

Version number 28

Revision: 23.03.2024

**Trade name MC-Floor Connect Adhesive - Komponente A**

(Contd. of page 6)

|   |                                    |
|---|------------------------------------|
| · <b>pH-value:</b>  | Not applicable.<br>Not determined. |
| · <b>Change in condition</b><br><b>Melting point/freezing point:</b><br><b>Initial boiling point and boiling range:</b> | Not determined<br>>200 °C          |
| · <b>Flash point:</b>   | 151 °C                             |
| · <b>Self-inflammability:</b>   | Product is not selfigniting.       |
| · <b>Explosive properties:</b>  | Product is not explosive.          |
| · <b>Steam pressure at 20 °C:</b>   | <0.1 hPa                           |
| · <b>Density at 20 °C</b>   | 1.8 g/cm <sup>3</sup>              |
| · <b>Solubility in / Miscibility with Water:</b>  | Not miscible or difficult to mix   |
| · <b>Viscosity:</b><br><b>dynamic at 20 °C:</b><br><b>kinematic:</b>  | 700000 mPas<br>Not determined.     |
| · <b>Other information</b>  |                                    |

No further relevant information available.

## 10 Stability and reactivity

|  |   |
|--|---|
| · <b>Reactivity</b>  | No further relevant information available.            |
| · <b>Chemical stability</b>                                |   |
| · <b>Thermal decomposition / conditions to be avoided:</b> | No decomposition if used according to specifications. |
| · <b>Possibility of hazardous reactions</b>                | No dangerous reactions known                          |
| · <b>Conditions to avoid</b>                               | No further relevant information available.            |
| · <b>Incompatible materials:</b>                           | No further relevant information available.            |
| · <b>Hazardous decomposition products:</b>                 | No dangerous decomposition products known             |

AE

(Contd. on page 8)



## Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 23.03.2024

Version number 28

Revision: 23.03.2024

**Trade name MC-Floor Connect Adhesive - Komponente A**

(Contd. of page 7)

### 11 Toxicological information

- Information on toxicological effects
- Acute toxicity

· LD/LC50 values that are relevant for classification:

**CAS: 1675-54-3 epoxide derivatives**

|        |      |                      |
|--------|------|----------------------|
| Dermal | LD50 | 23000 mg/kg (rabbit) |
|--------|------|----------------------|

**CAS: 9003-36-5 Reaction mass of 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]dioxirane and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy}methyl)oxirane and 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]dioxirane**

|        |      |                      |
|--------|------|----------------------|
| Oral   | LD50 | >2000 mg/kg (rat)    |
| Dermal | LD50 | >2000 mg/kg (rabbit) |

**CAS: 67762-90-7 Hydrophobes Siliziumdioxid, synthetisch, amorph**

|        |      |                      |
|--------|------|----------------------|
| Oral   | LD50 | >5000 mg/kg (rat)    |
| Dermal | LD50 | >2000 mg/kg (rabbit) |

**CAS: 100-51-6 Benzyl alcohol**

|            |                      |                                      |
|------------|----------------------|--------------------------------------|
| Oral       | LD50                 | 1230 mg/kg (rat)                     |
|            | NOAEL 2nd year study | 200 mg/kg (mouse)<br>200 mg/kg (rat) |
| Dermal     | LD50                 | 2000 mg/kg (rabbit)                  |
| Inhalative | LC50/4 h             | >4178 mg/l (rat)                     |

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

|        |      |                     |
|--------|------|---------------------|
| Oral   | LD50 | 8030 mg/kg (rat)    |
| Dermal | LD50 | 4248 mg/kg (rabbit) |

**CAS: 13463-67-7 titanium dioxide**

|            |          |                       |
|------------|----------|-----------------------|
| Oral       | LD50     | >5000 mg/kg (rat)     |
| Dermal     | LD50     | >10000 mg/kg (rabbit) |
| Inhalative | LC50/4 h | >6.8 mg/l (rat)       |

· Primary irritant effect:

· Skin corrosion/irritation Irritant for skin and mucous membranes.

· Serious eye damage/irritation No irritant effect.

· Respiratory or skin sensitisation No sensitizing effect known.

· Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:  
Irritant

AE

(Contd. on page 9)



## Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 23.03.2024

Version number 28

Revision: 23.03.2024

**Trade name MC-Floor Connect Adhesive - Komponente A**

(Contd. of page 8)

### 12 Ecological information

· **Toxicity**

· **Aquatic toxicity:**

**CAS: 1675-54-3 epoxide derivatives**

|           |                                     |
|-----------|-------------------------------------|
| IC50      | >42.6 mg/l (Bak)                    |
| LC50/96h  | 2 mg/l (Oncorhynchus mykiss)        |
| EC50/48h  | 1.8 mg/l (Daphnia magna)            |
| ErC50/72h | 11 mg/l (Selenastrum capricornutum) |

**CAS: 9003-36-5 Reaction mass of 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]dioxirane and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy)methyl}oxirane and 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]dioxirane**

|          |                           |
|----------|---------------------------|
| LC50/96h | >100 mg/l (Daphnia magna) |
| EC50/96h | >100 mg/l (Leucidus idus) |

**CAS: 67762-90-7 Hydrophobes Siliziumdioxid, synthetisch, amorph**

|               |          |                                 |
|---------------|----------|---------------------------------|
| Sensitisation | EL50     | 10000 mg/l (Daphnien)           |
|               | LC50/96h | >10000 mg/l (Brachydanio rerio) |

**CAS: 100-51-6 Benzyl alcohol**

|          |                                |
|----------|--------------------------------|
| IC50/72h | 700 mg/l (algae)               |
| LC50/96h | 460 mg/l (Pimephales promelas) |
|          | 10 mg/l (Lepomis macrochirus)  |

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

|           |                                    |
|-----------|------------------------------------|
| LC50/96h  | 55 mg/l (Cyp)                      |
| EC50/48h  | 473 mg/l (Daphnia magna)           |
| ErC50/72h | 255 mg/l (Scenedesmus subspicatus) |

· **Persistence and degradability** No further relevant information available.

· **Behaviour in environmental systems:**

· **Bioaccumulative potential** No further relevant information available.

· **Mobility in soil** No further relevant information available.

· **Ecotoxicological effects:**

· **Remark:** Harmful to fish

· **Additional ecological information:**

· **General notes:** Harmful to aquatic organisms  
Do not allow product to reach ground water, water bodies or sewage system.  
Danger to drinking water if even small quantities leak into soil.

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **Other adverse effects** No further relevant information available.

AE

(Contd. on page 10)

## Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 23.03.2024

Version number 28

Revision: 23.03.2024

**Trade name MC-Floor Connect Adhesive - Komponente A**

(Contd. of page 9)

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**                      *Must not be disposed of together with household garbage. Do not allow product to reach sewage system.*
- **Uncleaned packagings:**
- **Recommendation:**                      *Disposal must be made according to official regulations.*

### 14 Transport information

|   |   |
|---|---|
| · <b>UN-Number</b>  | UN3082  |
| · <b>ADR, IMDG, IATA</b>  |   |
| · <b>UN proper shipping name</b>  | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (epoxide derivates)                   |
| · <b>ADR, IATA</b>  | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (epoxide derivates), MARINE POLLUTANT |
| · <b>IMDG</b>   |   |
| · <b>Transport hazard class(es)</b>   |   |
| · <b>ADR</b>  |   |
| · <b>Class</b>  | 9 (M6) Miscellaneous dangerous substances and articles.                                   |
| · <b>Label</b>  | 9   |
| · <b>IMDG, IATA</b>   |   |
| · <b>Class</b>  | 9 Miscellaneous dangerous substances and articles.  |
| · <b>Label</b>  | 9   |
| · <b>Packing group</b>  |   |
| · <b>ADR, IMDG, IATA</b>  | III   |
| · <b>Environmental hazards:</b>   |   |
| · <b>Marine pollutant:</b>  | Yes   |
| · <b>Special marking (ADR):</b>   | Symbol (fish and tree)  |
| · <b>Special marking (IATA):</b>  | Symbol (fish and tree)  |
| · <b>Special precautions for user</b>                                       | Warning: Miscellaneous dangerous substances and articles.                                 |
| · <b>Kemler Number:</b>   | 90  |
| · <b>EMS Number:</b>  | F-A,S-F   |
| · <b>Stowage Category</b>   | A   |
| · <b>Transport in bulk according to Annex II of Marpol and the IBC Code</b> | Not applicable.   |

(Contd. on page 11)



BE SURE. BUILD SURE.

Page 11/12

## Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 23.03.2024

Version number 28

Revision: 23.03.2024

Trade name MC-Floor Connect Adhesive - Komponente A

(Contd. of page 10)

### · Transport/Additional information:

#### · ADR

· Limited quantities (LQ)

5L

· Excepted quantities (EQ)

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

· Transport category

3

· Tunnel restriction code

(-)

#### · IMDG

· Limited quantities (LQ)

5L

· Excepted quantities (EQ)

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

· UN "Model Regulation":

UN 3082 ENVIRONMENTALLY HAZARDOUS  
SUBSTANCE, LIQUID, N.O.S. (EPOXIDE  
DERIVATES), 9, III

## 15 Regulatory information

· Safety, health and environmental regulations/legislation specific for the substance or mixture

· Directive 2012/18/EU

· Named dangerous  
substances - ANNEX I

None of the ingredients is listed.

· Seveso category

E2 Hazardous to the Aquatic Environment

· Qualifying quantity (tonnes)  
for the application of lower-  
tier requirements

200 t

· Qualifying quantity (tonnes)  
for the application of upper-  
tier requirements

500 t

· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

## 16 Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Department issuing data  
specification sheet:

Environment protection department.

· Contact:

· Abbreviations and acronyms: RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

(Contd. on page 12)

AE



BE SURE. BUILD SURE.

Page 12/12

**Safety data sheet**  
**according to Regulation (EC) No 1907/2006, Article 31**

Printing date 23.03.2024

Version number 28

Revision: 23.03.2024

**Trade name MC-Floor Connect Adhesive - Komponente A**

(Contd. of page 11)

ICAO: International Civil Aviation Organisation

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 5: Acute toxicity – Category 5

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Serious eye damage/irritation – Category 2A: Serious eye damage/eye irritation – Category 2A

Skin Sens. 1: Skin sensitisation – Category 1

Carc. 2: Carcinogenicity – Category 2

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

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

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

· \* Data compared to the  
previous version altered.

— AE —