



BE SURE. BUILD SURE.

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

Printing date 10.12.2024

Version number 51 (replaces version 50)

Revision: 06.12.2024

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

1.1 Product identifier

Trade name **MC-DUR 1680 - Komponente A**

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

No further relevant information available.

1.3 Details of the supplier of the safety data sheet

Application of the substance / the mixture **Epoxy coating**

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

1.4 Emergency telephone number:

Tel.: +49 / (0)700 24112112 (MCR)
Tel.: +1 872 5888271 (MCR)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Skin Irrit. 2 H315 Causes skin irritation.

Eye Dam. 1 H318 Causes serious eye damage.

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.

2.2 Label elements

Labelling according to

Regulation (EC) No 1272/2008 The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS05 GHS07 GHS08 GHS09

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- **Signal word** *Danger*
- **Hazard-determining components of labelling:** *Hydrocarbons, C9-unsaturated, polymerised
Fatty acids, tall-oil, reaction products with bisphenol A, alkyl glycidyl tolyl ether and triethylenetetramine
crystalline silica
Polyoxypropylenediamine
Phenol, mono- und distyrolisiert
Phenol, methylstyrolised
polymer amine terminated
m-phenylenebis(methylamine)
Triethylenetetramine
Fatty acids, C18-unsatd., trimers, compds. with oleylamine*
- **Hazard statements** *H315 Causes skin irritation.
H318 Causes serious eye damage.
H317 May cause an allergic skin reaction.
H372 Causes damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.
H411 Toxic to aquatic life with long lasting effects.*
- **Precautionary statements** *P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/doctor.
P321 Specific treatment (see on this label).
P362+P364 Take off contaminated clothing and wash it before reuse.*
- **Additional information:** *EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.*
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*

· **Determination of endocrine-disrupting properties**

CAS: 69-72-7 *salicylic acid*

List II; III

SECTION 3: Composition/information on ingredients

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

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· Dangerous components:		
CAS: 14808-60-7	crystalline silica STOT RE 1, H372	10-30%
CAS: 71302-83-5 EC number: 701-299-7	Hydrocarbons, C9-unsaturated, polymerised Asp. Tox. 1, H304; Skin Sens. 1A, H317; Aquatic Chronic 3, H412	≥2.5-<10%
CAS: 13463-67-7 EINECS: 236-675-5	Titanium Dioxide Carc. 2, H351	≥1-<10%
CAS: 64742-16-1 EINECS: 265-116-8	Kohlenwasserstoffharz Aquatic Chronic 4, H413	<10%
EC number: 905-588-0 Reg.nr.: 01-2119488216-32 01-2119486136-34	Reaction mass of ethylbenzene and xylene Flam. Liq. 3, H226; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	<5%
CAS: 186321-96-0	Fatty acids, tall-oil, reaction products with bisphenol A, alkyl glycidyl tolyl ether and triethylenetetramine Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Skin Sens. 1, H317	≥2.5-<3%
EC number: 700-960-7	Phenol, methylstyrolised Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 3, H412	≥2.5-<3%
CAS: 9046-10-0 Reg.nr.: 01-2119557899-12	Polyoxypropylenediamine Skin Corr. 1B, H314; Aquatic Chronic 3, H412	≥1-<2.5%
EC number: 701-443-9	Phenol, mono- und distyrolisiert Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Skin Sens. 1A, H317	≥1-<2.5%
EC number: 949-140-2	polymer amine terminated Eye Dam. 1, H318; Skin Irrit. 2, H315; Skin Sens. 1B, H317	≥0.1-<1%
CAS: 1477-55-0 EINECS: 216-032-5 Reg.nr.: 01-2119480150-50	m-phenylenebis(methylamine) Skin Corr. 1B, H314; Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Sens. 1, H317; Aquatic Chronic 3, H412	≥0.1-<1%
CAS: 90640-67-8 EINECS: 292-588-2	Triethylenetetramine Skin Corr. 1B, H314; Eye Dam. 1, H318; Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317; Aquatic Chronic 3, H412	≥0.1-<0.5%
CAS: 147900-93-4 EC number: 604-612-4	Fatty acids, C18-unsatd., trimers, compds. with oleylamine STOT RE 2, H373; Aquatic Chronic 2, H411; Skin Sens. 1, H317	≥0.1-<0.25%
CAS: 69-72-7 EINECS: 200-712-3	salicylic acid Repr. 2, H361d; Eye Dam. 1, H318; Acute Tox. 4, H302	<0.5%

· SVHC

Phenol, methylstyrolised

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· **Additional information**

For the wording of the listed hazard phrases refer to section 16.

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SECTION 4: First aid measures

· **4.1 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.

· **After skin contact**

If unconscious, place in recovery position and seek medical advice. 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.

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

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

SECTION 5: Firefighting measures

· **5.1 Extinguishing media**

· **Suitable extinguishing agents** Use fire fighting measures that suit the environment.

· **5.2 Special hazards arising from the substance or mixture**

No further relevant information available.

· **5.3 Advice for firefighters**

· **Protective equipment:**

No special measures required.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**

Not required.

· **6.2 Environmental precautions:**

Prevent material from reaching sewage system, holes and cellars.

· **6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

· **6.4 Reference to other sections**

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

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See Section 13 for information on disposal.

SECTION 7: Handling and storage

· **7.1 Precautions for safe handling**

Open and handle containers with care. Ventilation measures are required in rooms without sufficient air exchange (e.g. closed rooms), because the occupational exposure limit values (see chapter 8) could be exceeded. This must be avoided. 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 BGBau technical data sheet and practical guide for handling epoxy resins.

· **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.

· **7.2 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

SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

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

CAS: 14808-60-7 crystalline silica

OEL (Ireland)	Long-term value: 0.1 mg/m ³
BOELV (European Union)	Long-term value: 0.1* mg/m ³ *respirable fraction

CAS: 1477-55-0 m-phenylenebis(methylamine)

OEL (Ireland)	Long-term value: 0.1 mg/m ³
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· **DNELs**

Reaction mass of ethylbenzene and xylene

Oral	DNEL	1.6 mg/kg bw/Tag (ArL) mg/kg bw/Tag (Workers)
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Dermal	DNEL	180 mg/kg bw/day (ArL)
Inhalative	DNEL	211 mg/m ³ (ArL)
CAS: 9046-10-0 Polyoxypropylenediamine		
Oral	DNEL	0.04 mg/kg bw/Tag (ArL)
Dermal	DNEL	2.5 mg/kg bw/day (ArL)
CAS: 1477-55-0 m-phenylenebis(methylamine)		
Dermal	DNEL	0.33 mg/kg bw/day (Workers)
Inhalative	DNEL	1.2 mg/m ³ (Workers)

· PNECs

CAS: 9046-10-0 Polyoxypropylenediamine	
PNEC	7.5 mg/l (Sewage Treatment Plant) 0.015 mg/l (Fresh water)
PNEC	0.0176 mg/kg dwt (Bod) 0.125 mg/kg dwt (Sediment) 0.132 mg/kg dwt (Fresh water sediment)
CAS: 1477-55-0 m-phenylenebis(methylamine)	
PNEC	10 mg/l (Kla) 0.009 mg/l (Mew) 0.094 mg/l (Freshwater)
PNEC	0.045 mg/kg dwt (Bod) 0.43 mg/kg dwt (Marine water sediment) 0.43 mg/kg dwt (Fresh water sediment)

· CAS No. Designation of material % Type Value Unit

· Additional Occupational Exposure Limit Values for possible hazards during processing:	
CAS: 1330-20-7 xylene	
OEL (Ireland)	Short-term value: 442 mg/m ³ , 100 ppm Long-term value: 221 mg/m ³ , 50 ppm Skin, IOELV
IOELV (European Union)	Short-term value: 442 mg/m ³ , 100 ppm Long-term value: 221 mg/m ³ , 50 ppm Skin
CAS: 100-41-4 ethylbenzene	
OEL (Ireland)	Short-term value: 884 mg/m ³ , 200 ppm Long-term value: 442 mg/m ³ , 100 ppm Skin, IOELV
IOELV (European Union)	Short-term value: 884 mg/m ³ , 200 ppm Long-term value: 442 mg/m ³ , 100 ppm Skin

· Additional information: The lists that were valid during the compilation were used as basis.
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- **8.2 Exposure controls**
- **Appropriate engineering controls**
No further data; see section 7.
- **Individual protection measures, such as 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.
- **Hand protection**
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: ≥ 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: ≥ 0.40 mm
Penetration time: ≥ 480 min
Butyl rubber:
Material thickness: ≥ 0.5 mm
Penetration time: ≥ 480 min*
- **Eye/face 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*

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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.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Colour:	Dark brown
· Smell:	Characteristic
· Melting point/freezing point:	Not determined
· Boiling point or initial boiling point and boiling range	2230 °C (CAS: 14808-60-7 Quartz (SiO ₂))
· Lower and upper explosion limit	
· Lower:	1.3 Vol %
· Upper:	13.0 Vol %
· Flash point:	141 °C
· Auto-ignition temperature:	435 °C
· pH	Not determined.
· Viscosity:	
· Kinematic viscosity	Not determined.
· dynamic at 20 °C:	40000 mPas
· Solubility	
· Water:	Not miscible or difficult to mix
· Steam pressure at 1732 °C:	13.5 hPa (CAS: 14808-60-7 Quartz (SiO ₂))
· Density and/or relative density	
· Density at 20 °C	1.8 g/cm ³

· 9.2 Other information

· Appearance:	
· Form:	Fluid
· Important information on protection of health and environment, and on safety.	
· Self-inflammability:	Product is not selfigniting.
· Explosive properties:	Product is not explosive.

· Information with regard to physical hazard classes

· Explosives	Void
· Flammable gases	Void
· Aerosols	Void
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void

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· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values that are relevant for classification:**

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)

Reaction mass of ethylbenzene and xylene

Oral	LD50	3523-4000 mg/kg (rat)
Dermal	LD50	1100 mg/kg (rabbit)
Inhalative	LC50/4 h	11 mg/l (rat)

CAS: 9046-10-0 Polyoxypropylenediamine

Oral	LD50	2855 mg/kg (Rat)
		2885 mg/kg (rat)
Dermal	LD50	2980 mg/kg (Kan)
		2980 mg/kg (rabbit)

CAS: 1477-55-0 m-phenylenebis(methylamine)

Oral	LD50	1180 mg/kg (mouse)
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Dermal	LD50	930 mg/kg (rat) >3100 mg/kg (rabbit)
CAS: 90640-67-8 Triethylenetetramine		
Oral	LD50	1716 mg/kg (rat)
Dermal	LD50	1465 mg/kg (rat)
CAS: 69-72-7 salicylic acid		
Oral	LD50	891 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)

- **Primary irritant effect:**
- **Skin corrosion/irritation** Causes skin irritation.
- **Serious eye damage/irritation** Causes serious eye damage.
- **Respiratory or skin sensitisation** May cause an allergic skin reaction.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Causes damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **11.2 Information on other hazards**

· Endocrine disrupting properties		
CAS: 69-72-7	salicylic acid	List II; III
CAS: 556-67-2	octamethylcyclotetrasiloxane	List II; III

SECTION 12: Ecological information

· **12.1 Toxicity**

· Aquatic toxicity:	
Reaction mass of ethylbenzene and xylene	
EC50/72h	2.2 mg/l (Selenastrum capricornutum)
LC50/96h	2.6 mg/l (Oncorhynchus mykiss)
NOEC	16 mg/l (BEL)
CAS: 9046-10-0 Polyoxypropylenediamine	
EC50/72h	15 mg/l (algae)
LC50/96h	>15 mg/l (fish)
EC50/48h	80 mg/l (daphnia)
CAS: 1477-55-0 m-phenylenebis(methylamine)	
IC50/72h	12 mg/l (algae)
EC50/72h	12 mg/l (Scenedesmus subspicatus)
LC50/96h	>100 mg/l (Oncorhynchus mykiss)

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EC50/48h	87.6 mg/l (Ory) 15.2 mg/l (Daphnia magna)
· 12.2 Persistence and degradability	No further relevant information available.
· 12.3 Bioaccumulative potential	No further relevant information available.
· 12.4 Mobility in soil	No further relevant information available.
· 12.5 Results of PBT and vPvB assessment	
· PBT:	Not applicable.
· vPvB:	Not applicable.
· 12.6 Endocrine disrupting properties	For information on endocrine disrupting properties see section 11.
· 12.7 Other adverse effects	
· Additional ecological information:	
· General notes:	Do not allow product to reach ground water, water bodies or sewage system. Danger to drinking water if even small quantities leak into soil.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· **European waste catalogue**

08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 01 00	wastes from MFSU and removal of paint and varnish
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP7	Carcinogenic
HP14	Ecotoxic

- **Uncleaned packagings:**
- **Recommendation:** Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.

SECTION 14: Transport information

- **14.1 UN number or ID number**
- **ADR, ADN, IMDG, IATA** Void
- **14.2 UN proper shipping name**
- **ADR, ADN, IMDG, IATA** Void

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· 14.3 Transport hazard class(es)	
· ADR, ADN, IMDG, IATA	
· Class	Void
· 14.4 Packing group	
· ADR, IMDG, IATA	Void
· 14.5 Environmental hazards:	
· Marine pollutant:	No
· 14.6 Special precautions for user	Not applicable.
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
· Transport/Additional information:	Not dangerous according to the above specifications.
· UN "Model Regulation":	Void

SECTION 15: Regulatory information

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

· **Directive 2012/18/EU**

· **Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t

· **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t

· **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3, 28, 29

· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

· **REGULATION (EU) 2019/1148**

· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

· **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

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· **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

· **National regulations**

· **Other regulations, limitations and prohibitive regulations**

· **Substances of very high concern (SVHC) according to REACH, Article 57**

Phenol, methylstyrolised

· **15.2 Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

SECTION 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.

· **Relevant phrases**

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

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.

H351 Suspected of causing cancer.

H361d Suspected of damaging the unborn child.

H372 Causes damage to organs through prolonged or repeated exposure.

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

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

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.

· **Department issuing data specification sheet:**

Environment protection department.

· **Date of previous version:**

13.10.2021

· **Version number of previous version:**

50

· **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)

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BE SURE. BUILD SURE.

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

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Trade name MC-DUR 1680 - Komponente A

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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

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

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

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1A: Skin sensitisation – Category 1A

Skin Sens. 1B: Skin sensitisation – Category 1B

Carc. 2: Carcinogenicity – Category 2

Repr. 2: Reproductive toxicity – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

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

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Asp. Tox. 1: Aspiration hazard – 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

Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4

*** Data compared to the
previous version altered.**

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