



BE SURE. BUILD SURE.

Page 1/8

Safety Data Sheet according to P.U.(A) 310/2013

Printing date 29.04.2022


Version number 8

Revision: 29.04.2022

1 Identification of the hazardous chemical and of the supplier

- **Product identifier**
- **Trade name** MC-Quicksolid - Komponente A
- **Recommended use of the chemical and restrictions on use** *No further relevant information available.*
- **Application of the substance / the mixture** *Adhesives
Polyurethane resin*
- **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*
- **Emergency telephone number:** *Tel.: +49 / (0)700 24112112 (MCR)
Tel.: +48612864565*

2 Hazard identification

- **Classification of the substance or mixture**
*Eye Irrit. 2 H319 Causes serious eye irritation.
Skin Sens. 1 H317 May cause allergic skin reaction.*
- **Label elements**
- **GHS label elements** *The product is classified and labelled according to the Globally Harmonised System (GHS).*
- **Hazard pictograms**

GHS07
- **Signal word** *Warning*
- **Hazard-determining components of labelling:** *Siloxane und Silicone, di-Me, Reaktionsprodukte mit Siliciumdioxid
Phenol, methylstyrolisiert
dibutyltin dilaurate*
- **Hazard statements** *Causes serious eye irritation.
May cause allergic skin reaction.*

(Contd. on page 2)

MY



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Safety Data Sheet according to P.U.(A) 310/2013

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Revision: 29.04.2022

Trade name MC-Quicksolid - Komponente A

(Contd. of page 1)

- **Precautionary statements** *Avoid breathing dust/fume/ gas/mist/vapours/spray.
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.
Wash contaminated clothing before reuse.*
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*

3 Composition and information of the ingredients of the hazardous chemical

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

· **Dangerous components:**

25214-63-5	ethylenediamine, propoxylated Eye Irrit. 2, H319	≥10-<25%
68512-30-1	Phenol, methylstyrolisiert Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 3, H412	≥2.5-<10%
67762-90-7	Siloxane und Silicone, di-Me, Reaktionsprodukte mit Siliciumdioxid Acute Tox. 4, H302	<5%
77-58-7	dibutyltin dilaurate Acute Tox. 3, H301; Muta. 2, H341; Repr. 1B, H360; STOT RE 1, H372	<0.3%

4 First-aid measures

- **Description of first aid measures**
- **General information** *No special measures required.*
- **After inhalation** *Void*
- **After skin contact** *The product is not skin irritating.*
- **After eye contact** *Rinse opened eye for several minutes under running water.*
- **After swallowing** *Rinse out mouth and then drink plenty of water.
Seek medical treatment.*
- **Information for doctor**
- **Most important symptoms and effects, both acute and delayed** *No further relevant information available.*

(Contd. on page 3)

MY



BE SURE. BUILD SURE.

Page 3/8

Safety Data Sheet according to P.U.(A) 310/2013

Printing date 29.04.2022

Version number 8

Revision: 29.04.2022

Trade name MC-Quicksolid - Komponente A

(Contd. of page 2)

- **Indication of any immediate medical attention and special treatment needed** No further relevant information available.

5 Fire-fighting 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.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** No special measures required.
- **Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections** No dangerous materials are released.

7 Handling and storage

- **Handling**
- **Precautions for safe handling** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls and personal protection

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

(Contd. on page 4)

MY



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Safety Data Sheet according to P.U.(A) 310/2013

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Version number 8

Revision: 29.04.2022

Trade name MC-Quicksolid - Komponente A

(Contd. of page 3)

- **Control parameters**
- **Components with critical values that require monitoring at the workplace:** *The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.*

· **DNELs**

25214-63-5 ethylenediamine, propoxylated

Dermal	DNEL	13.9 mg/kg bw/day (ArL)
Inhalative	DNEL	98 mg/m ³ (ArL)

· **PNECs**

25214-63-5 ethylenediamine, propoxylated

PNEC	70 mg/l (Kla)
	0.0085 mg/l (Mew)
	0.085 mg/l (Suw)
PNEC	0.0183 mg/kg dwt (Bod)
	0.0193 mg/kg dwt (Marine water sediment)
	0.193 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** *The usual precautionary measures should be adhered to in handling the chemicals.*
- **Breathing equipment:** *Not required.*
- **Protection of hands:** *Not required.*
- **Material of gloves** *-*
- **Penetration time of glove material** *-*
- **Eye protection:** *Safety glasses
Tightly sealed safety glasses.*

9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form:	Highly viscous
Colour:	Yellow
Smell:	Characteristic

· **pH-value:** *Not applicable.*

· **Change in condition**

Melting point/freezing point *Not determined*

(Contd. on page 5)

MY



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Safety Data Sheet
according to P.U.(A) 310/2013

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Version number 8

Revision: 29.04.2022

Trade name MC-Quicksolid - Komponente A

(Contd. of page 4)

Initial boiling point and boiling range	> 290 °C
· Flash point:	> 150 °C
· Ignition temperature:	370 °C
· Auto-ignition temperature	Product is not selfigniting.
· Explosive properties:	Product is not explosive.
· Density at 20 °C	1.12 g/cm ³
· Solubility in / Miscibility with Water:	Not miscible or difficult to mix
· Other information	No further relevant information available.

10 Stability and reactivity

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

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity**

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

25214-63-5 ethylenediamine, propoxylated

Oral LD50 >2000 mg/kg (rat)

Dermal LD50 >2000 mg/kg (rabbit)

67762-90-7 Siloxane und Silicone, di-Me, Reaktionsprodukte mit Siliciumdioxid

Oral LD50 >5000 mg/kg (rat)

Dermal LD50 >2000 mg/kg (rabbit)

77-58-7 dibutyltin dilaurate

Oral LD50 175 mg/kg (rat)

- **Primary irritant effect:**
- **Serious eye damage or eye irritation** Irritant effect.

(Contd. on page 6)



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Safety Data Sheet according to P.U.(A) 310/2013

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Version number 8

Revision: 29.04.2022

Trade name MC-Quicksolid - Komponente A

(Contd. of page 5)

· **Respiratory / skin sensitization**

Sensitization possible by skin contact.

· **Additional toxicological information:**

*The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.*

12 Ecological information

· **Toxicity**

· **Aquatic toxicity:**

25214-63-5 ethylenediamine, propoxylated

Sensitisation	EL50	>100 mg/l (Daphnia magna)
	EC50/72h	35 mg/l (algae)
	EC50	1400 mg/l (Bak)
	LC0/48h	2200 mg/l (Leucidus idus)
	LC50/48h	4500 mg/l (Leucidus idus)

67762-90-7 Siloxane und Silicone, di-Me, Reaktionsprodukte mit Siliciumdioxid

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

· **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.

· **Additional ecological information:**

· **General notes:** Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

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

13 Disposal information

· **Waste treatment methods**

· **Recommendation**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

(Contd. on page 7)

MY



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Safety Data Sheet according to P.U.(A) 310/2013

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Revision: 29.04.2022

Trade name MC-Quicksolid - Komponente A

(Contd. of page 6)

- **Uncleaned packagings:**
- **Recommendation:** *Disposal must be made according to official regulations.*

14 Transportation information

· UN-Number	
· ADR, ADN, IMDG, IATA	Void
· UN proper shipping name	
· ADR, ADN, IMDG, IATA	Void
· Transport hazard class(es)	
· ADR, ADN, IMDG, IATA	
· Class	Void
· Packing group	
· ADR, IMDG, IATA	Void
· Environmental hazards:	
· Marine pollutant:	No
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	Not dangerous according to the above specifications.
· UN "Model Regulation":	Void

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **EHS reference list**
None of the ingredients is listed.
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** *None of the ingredients is listed.*
- **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.*

(Contd. on page 8)



BE SURE. BUILD SURE.

Page 8/8

Safety Data Sheet according to P.U.(A) 310/2013

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Trade name MC-Quicksolid - Komponente A

(Contd. of page 7)

· **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)
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. 3: Acute toxicity - oral – Category 3
Acute Tox. 4: Acute toxicity - oral – Category 4
Skin Irrit. 2: Skin corrosion or irritation – Category 2
Eye Irrit. 2: Serious eye damage or eye irritation – Category 2
Skin Sens. 1: Skin sensitization – Category 1
Muta. 2: Germ cell mutagenicity – Category 2
Repr. 1B: Reproductive toxicity – Category 1B
STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1
Aquatic Chronic 3: Hazardous to the aquatic environment - chronic hazard – Category 3

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