



BE SURE. BUILD SURE.

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## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 16.11.2021

Version number 5

Revision: 23.10.2021

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

- **Product identifier**
- **Trade name** **MC-Proof 501 flex - Suspension - Komponente B**
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Sector of Use** SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Application of the substance / the mixture** Sealant
- **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 Hazards identification

- **Classification of the substance or mixture** The product is not classified, according to the Globally Harmonised System (GHS).
- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### \* 3 Composition/information on ingredients

- **Chemical characterisation: Mixtures**
- **Description:** Mixture of the substances listed below with harmless additions.

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<b>· Dangerous components:</b>		
13463-67-7	titanium dioxide Carc. 2, H351; Acute Tox. 5, H333	≥0.1-<0.5%
26530-20-1	2-octyl-2H-isothiazol-3-one Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; Skin Corr. 1A, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1A, H317	≥0.00025-<0.0015%
55965-84-9	reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 2, H330; Skin Corr. 1C, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1A, H317	≥0.00025-<0.0015%
13463-41-7	pyrithione zinc Acute Tox. 3, H301; Acute Tox. 2, H330; Repr. 1B, H360; STOT RE 1, H372; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 1, H410	<0.00025%

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

#### 4 First aid measures

- Description of first aid measures**
- After inhalation** Supply fresh air; consult doctor in case of symptoms.
- After skin contact** The product is not skin irritating.
- After eye contact** Rinse opened eye for several minutes under running water.
- After swallowing** In case of persistent symptoms consult doctor.
- Information for doctor**
- Most important symptoms and effects, both acute and delayed** No further relevant information available.
- Indication of any immediate medical attention and special treatment needed** No further relevant information available.

#### 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.

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### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Dilute with much water.
- **Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **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** No special measures required.  
No special precautions necessary if used correctly.
- **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.
- **Storage class** 12
- **Specific end use(s)** No further relevant information available.

### 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **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.
- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures** Wash hands during breaks and at the end of the work.
- **Breathing equipment:** Not required.

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- **Protection of hands:** *Not required.*
- **Material of gloves** *The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.*
- **Penetration time of glove material** *The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.*
- **Eye protection:** *Safety glasses*
- **Body protection:** *Impervious protective clothing*

## 9 Physical and chemical properties

### · Information on basic physical and chemical properties

#### · General Information

#### · Appearance:

- **Form:** *Fluid*
- **Colour:** *Whitish*
- **Smell:** *Characteristic*
- **Odour threshold:** *Not determined.*

· **pH-value:** *Not determined.*

#### · Change in condition

- **Melting point/freezing point:** *Not determined*
- **Initial boiling point and boiling range:** *100 °C*

· **Flash point:** *Not applicable*

· **Inflammability (solid, gaseous)** *Not applicable.*

· **Decomposition temperature:** *Not determined.*

· **Self-inflammability:** *Product is not selfigniting.*

· **Explosive properties:** *Product is not explosive.*

#### · Critical values for explosion:

- **Lower:** *Not determined.*
- **Upper:** *Not determined.*

· **Steam pressure at 20 °C:** *23 hPa*

- **Density at 20 °C** *1.03 g/cm<sup>3</sup>*
- **Relative density** *Not determined.*
- **Vapour density** *Not determined.*
- **Evaporation rate** *Not determined.*

· **Solubility in / Miscibility with Water:** *Fully miscible*

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- **Partition coefficient: n-octanol/water:** Not determined.
- **Viscosity:**
  - dynamic:** Not determined.
  - kinematic:** Not determined.
- **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:**

**13463-67-7 titanium dioxide**

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

**26530-20-1 2-octyl-2H-isothiazol-3-one**

Oral	LD50	125 mg/kg (ATE) 279 mg/kg (rat)
Dermal	LD50	311 mg/kg (ATE) >2000 mg/kg (rat)
Inhalative	LC50/4 h	0.27 mg/l (ATE) 0.6 mg/l (rat)

**55965-84-9 reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)**

Oral	LD50	49.6-75 mg/kg (rat)
Dermal	LD50	87.12 mg/kg (rabbit)
Inhalative	LC50/4 h	0.171 mg/l (rat)

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**13463-41-7 pyrrithione zinc**

Oral	LD50	221 mg/kg (ATE)
Inhalative	LC50/4 h	0.14 mg/l (ATE)

- **Primary irritant effect:**
- **Serious eye damage/irritation** No irritant effect.
- **Respiratory or skin sensitisation** No sensitizing effect known.

**12 Ecological information**

· **Toxicity**

· **Aquatic toxicity:**

**26530-20-1 2-octyl-2H-isothiazol-3-one**

EC50/48h	0.42 mg/l (Daphnien)
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**55965-84-9 reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)**

LC50/24h	0.19 mg/l (fish)
EC50/72h	0.027 mg/l (Pseudokirchneriella subcapitata)
LC50/96h	0.19 mg/l (Oncorhynchus mykiss)
LC50/48h	0.28 mg/l (fish)
EC50/48h	0.16 mg/l (Daphnia magna)
NOEC	0.02 mg/l (Oncorhynchus mykiss)
	0.00049 mg/l (Ske)
	0.1 mg/l (Daphnia magna)

**13463-41-7 pyrrithione zinc**

IC50/72h	0.067 mg/l (Selenastrum capricornutum)
LC50/96h	0.15 mg/l (Oncorhynchus mykiss)
EC50/48h	0.05 mg/l (Daphnies)

- **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.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

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### 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.*
- **Recommended cleaning agent:** *Water, if necessary with cleaning agent.*

### 14 Transport information

- |   |                 |
|---|-----------------|
| · <b>UN-Number</b>  |                 |
| · <b>ADR, IMDG, IATA</b>  | Void            |
| · <b>UN proper shipping name</b>  |                 |
| · <b>ADR, IMDG, IATA</b>  | Void            |
| · <b>Transport hazard class(es)</b>   |                 |
| · <b>ADR, ADN, IMDG, IATA</b>   |                 |
| · <b>Class</b>  | Void            |
| · <b>Packing group</b>  |                 |
| · <b>ADR, IMDG, IATA</b>  | Void            |
| · <b>Environmental hazards:</b>   | Not applicable. |
| · <b>Special precautions for user</b>                                       | Not applicable. |
| · <b>Transport in bulk according to Annex II of Marpol and the IBC Code</b> | Not applicable. |
| · <b>UN "Model Regulation":</b>   | Void            |

### 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.*
- **Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*

### 16 Other information

- **Department issuing data specification sheet:** *Environment protection department.*

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· **Contact:**

- **Abbreviations and acronyms:** 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)  
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 – Category 3  
Acute Tox. 2: Acute toxicity – Category 2  
Acute Tox. 5: Acute toxicity – Category 5  
Skin Corr. 1A: Skin corrosion/irritation – Category 1A  
Skin Corr. 1C: Skin corrosion/irritation – Category 1C  
Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
Skin Sens. 1A: Skin sensitisation – Category 1A  
Carc. 2: Carcinogenicity – Category 2  
Repr. 1B: Reproductive toxicity – Category 1B  
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

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

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