



BE SURE. BUILD SURE.

Page 1/9

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

Printing date 30.11.2021

Version number 4



Revision: 30.11.2021

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

- **Product identifier**
- **Trade name** **MC-MONTAN INJEKT TR-X - Komponente A 2**
- **CAS Number:** 2867-47-2
- **EC number:** 220-688-8
- **Index number:** 607-132-00-3
- **Relevant identified uses of the substance or mixture and uses advised against** No further relevant information available.
- **Application of the substance / the mixture** Construction chemicals
- **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**
  - Flam. Liq. 4 H227 Combustible liquid.
  - Acute Tox. 4 H302 Harmful if swallowed.
  - Acute Tox. 4 H312 Harmful in contact with skin.
  - Skin Corr. 1B H314 Causes severe skin burns and eye damage.
  - Eye Dam. 1 H318 Causes serious eye damage.
  - Skin Sens. 1 H317 May cause an allergic skin reaction.
- **Label elements**
- **GHS label elements** The substance is classified and labelled according to the Globally Harmonised System (GHS).
- **Hazard pictograms**

  
GHS05 GHS07

(Contd. on page 2)

AE

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

Printing date 30.11.2021

Version number 4

Revision: 30.11.2021

**Trade name MC-MONTAN INJEKT TR-X - Komponente A 2**

(Contd. of page 1)

- **Signal word** Danger
- **Hazard-determining components of labelling:** 2-dimethylaminoethyl methacrylate
- **Hazard statements** Combustible liquid.  
Harmful if swallowed.  
Harmful in contact with skin.  
Causes severe skin burns and eye damage.  
May cause an allergic skin reaction.
- **Precautionary statements** Do not breathe dusts or mists.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a POISON CENTER/doctor.  
Specific treatment (see on this label).  
Take off contaminated clothing and wash it before reuse.
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### 3 Composition/information on ingredients

- **Chemical characterisation: Substances**
- **CAS No. Designation:** 2867-47-2 2-dimethylaminoethyl methacrylate
- **Identification number(s):**
- **EC number:** 220-688-8
- **Index number:** 607-132-00-3

### 4 First aid measures

- **Description of first aid measures**
- **General information** Instantly remove any clothing soiled by the product.  
Take affected persons into the open air.
- **After inhalation** Supply fresh air and call for doctor for safety reasons.
- **After skin contact** Instantly wash with water and soap and rinse thoroughly.
- **After eye contact** Rinse opened eye for several minutes under running water.  
Call a doctor immediately.
- **Information for doctor**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.

(Contd. on page 3)

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

Printing date 30.11.2021

Version number 4

Revision: 30.11.2021

**Trade name MC-MONTAN INJEKT TR-X - Komponente A 2**

(Contd. of page 2)

· **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

### 5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents** CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** Wear self-contained breathing apparatus.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Wear protective clothing.
- **Environmental precautions:** Prevent material from reaching sewage system, holes and cellars. Dilute with much water.
- **Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of contaminated material as waste according to item 13.
- **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** Keep away from heat and direct sunlight.  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.
- **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:** Keep container tightly sealed.

(Contd. on page 4)



BE SURE. BUILD SURE.

Page 4/9

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

Printing date 30.11.2021

Version number 4

Revision: 30.11.2021

Trade name MC-MONTAN INJEKT TR-X - Komponente A 2

· **Specific end use(s)**

No further relevant information available.

(Contd. of page 3)

### 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:** Not required.

· **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 foodstuffs, beverages and food.

Instantly remove any soiled and impregnated garments.

Wash hands during breaks and at the end of the work.

Avoid contact with the eyes and skin.

· **Breathing equipment:**

In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.

Filter A2-P3

· **Protection of hands:**

Protective gloves.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

After use of gloves apply skin-cleaning agents and skin cosmetics.

· **Material of gloves**

Nitrile rubber, NBR

Butyl rubber, BR

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 through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**

Safety glasses

Tightly sealed safety glasses.

· **Body protection:**

Protective work clothing.

— AE —

(Contd. on page 5)



BE SURE. BUILD SURE.

Page 5/9

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

Printing date 30.11.2021

Version number 4

Revision: 30.11.2021

Trade name MC-MONTAN INJEKT TR-X - Komponente A 2

(Contd. of page 4)

### 9 Physical and chemical properties

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

##### · General Information

##### · Appearance:

Form:	Fluid
Colour:	Light yellow
Smell:	Ammonia-like

· pH-value: 9.95

##### · Change in condition

Melting point/freezing point:	- 50 °C
Initial boiling point and boiling range:	182 °C

· Flash point: 70 °C

· Ignition temperature: 255 °C

· Explosive properties: Product is not explosive.

##### · Critical values for explosion:

Lower: 1.2 Vol %

· Steam pressure at 20 °C: 1 hPa

· Density at 20 °C 0.933 g/cm<sup>3</sup>

##### · Solubility in / Miscibility with

Water at 20 °C: 106 g/l

##### · Viscosity:

dynamic at 20 °C: 2 mPas

· Other information SAPT > 55°C

### 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

AE

(Contd. on page 6)

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

Printing date 30.11.2021

Version number 4

Revision: 30.11.2021

**Trade name MC-MONTAN INJEKT TR-X - Komponente A 2**

(Contd. of page 5)

### 11 Toxicological information

- Information on toxicological effects
- Acute toxicity

· LD/LC50 values that are relevant for classification:

**2867-47-2 2-dimethylaminoethyl methacrylate**

Oral	LD50	<2000 mg/kg (rat)
	NOAEL	200 mg/kg (rat)
Dermal	LD50	<2000 mg/kg (rat)

- Primary irritant effect:
- Skin corrosion/irritation Irritant for skin and mucous membranes.
- Serious eye damage/irritation Irritant effect.
- Respiratory or skin sensitisation Sensitization possible by skin contact.

### 12 Ecological information

- Toxicity
- Aquatic toxicity: No further relevant information available.
- Persistence and degradability Biodegradability:  
Result: 95,3%  
Method: (OECD 301 E, 84/449/EWG Teil C.3, 28d)
- Behaviour in environmental systems:
- Bioaccumulative potential No further relevant information available.
- Mobility in soil No further relevant information available.
- Ecotoxicological effects:  
Toxicity to fish:  
LC50 *Oryzias latipes*: 19,1 mg/l / 96h Method: OECD 203  
LC0 *Oryzias latipes*: 1,36 mg/l / 14d Method: OECD 204  
  
Toxicity to daphnia:  
EC50 *Daphnia magna*: 33 mg/l / 48h Method: OECD 202  
  
Toxicity to algae:  
EC50 *Selenastrum capricornutum*: 41,6 mg/l / 72h Method: OECD 201
- 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.

AE

(Contd. on page 7)

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

Printing date 30.11.2021

Version number 4

Revision: 30.11.2021

**Trade name MC-MONTAN INJEKT TR-X - Komponente A 2**

(Contd. of page 6)

### 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:** *Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.*
- **Recommended cleaning agent:** *Water, if necessary with cleaning agent.*

### 14 Transport information

· <b>UN-Number</b>	
· <b>ADR, IMDG, IATA</b>	UN2522
· <b>UN proper shipping name</b>	
· <b>ADR, IMDG, IATA</b>	2-DIMETHYLAMINOETHYL METHACRYLATE, STABILIZED
· <b>Transport hazard class(es)</b>	
· <b>ADR</b>	
· <b>Class</b>	6.1 (T1) Toxic substances.
· <b>Label</b>	6.1
· <b>IMDG, IATA</b>	
· <b>Class</b>	6.1 Toxic substances.
· <b>Label</b>	6.1
· <b>Packing group</b>	
· <b>ADR, IMDG, IATA</b>	II
· <b>Environmental hazards:</b>	
· <b>Marine pollutant:</b>	No
· <b>Special precautions for user</b>	Warning: Toxic substances.
· <b>Kemler Number:</b>	69
· <b>EMS Number:</b>	F-A,S-A
· <b>Stowage Category</b>	D
· <b>Stowage Code</b>	SW2 Clear of living quarters.
· <b>Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
· <b>Transport/Additional information:</b>	
· <b>ADR</b>	
· <b>Limited quantities (LQ)</b>	100 ml

(Contd. on page 8)





BE SURE. BUILD SURE.

Page 8/9

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

Printing date 30.11.2021

Version number 4

Revision: 30.11.2021

**Trade name MC-MONTAN INJEKT TR-X - Komponente A 2**

(Contd. of page 7)

· <b>Excepted quantities (EQ)</b>	Code: E4 Maximum net quantity per inner packaging: 1 ml Maximum net quantity per outer packaging: 500 ml
· <b>Transport category</b>	2
· <b>Tunnel restriction code</b>	D/E
· <b>IMDG</b>	
· <b>Limited quantities (LQ)</b>	100 ml
· <b>Excepted quantities (EQ)</b>	Code: E4 Maximum net quantity per inner packaging: 1 ml Maximum net quantity per outer packaging: 500 ml
· <b>UN "Model Regulation":</b>	UN 2522 2-DIMETHYLAMINOETHYL METHACRYLATE, STABILIZED, 6.1, II

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** Substance is not listed.
- **National regulations** 0.00 %
- **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)
  - 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
  - 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
  - Flam. Liq. 4: Flammable liquids – Category 4
  - Acute Tox. 4: Acute toxicity – Category 4
  - Skin Corr. 1B: Skin corrosion/irritation – Category 1B

(Contd. on page 9)





BE SURE. BUILD SURE.

Page 9/9

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

Printing date 30.11.2021

Version number 4

Revision: 30.11.2021

**Trade name MC-MONTAN INJEKT TR-X - Komponente A 2**

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

(Contd. of page 8)

— AE —