



BE SURE. BUILD SURE.

Page 1/9

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

Printing date 13.04.2025

Version number 33



Revision: 13.04.2025

1 Identification of the hazardous chemical and of the supplier

- **Product identifier**
- **Trade name** Reparoxyd Primer - Komponente A
- **Recommended use of the chemical and restrictions on use** No further relevant information available.
- **Application of the substance / the mixture** Special priming
- **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 Hazard identification

- **Classification of the substance or mixture**
Flam. Liq. 2 H225 Highly flammable liquid and vapour.
Skin Irrit. 2 H315 Causes skin irritation.
Skin Sens. 1 H317 May cause allergic skin reaction.
STOT SE 3 H335 May cause respiratory irritation.
- **Label elements**
- **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).
- **Hazard pictograms**

GHS02 GHS07
- **Signal word** Danger
- **Hazard-determining components of labelling:** methyl 2-methylpropenoate
- **Hazard statements** H225 Highly flammable liquid and vapour.
H315 Causes skin irritation.
H317 May cause allergic skin reaction.
H335 May cause respiratory irritation.

(Contd. on page 2)

MY



BE SURE. BUILD SURE.

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

Printing date 13.04.2025

Version number 33

Revision: 13.04.2025

Trade name Reparoxyd Primer - Komponente A

(Contd. of page 1)

- **Precautionary statements**
 - P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking.
 - P241 Use explosion-proof electrical/ ventilating/ lighting equipment.
 - P261 Avoid breathing dust/fume/ gas/mist/vapours/ spray.
 - P280 Wear protective gloves/protective clothing/eye protection/face protection.
 - P303+P361+P353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
 - P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- **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:

CAS: 80-62-6	methyl 2-methylpropenoate Flam. Liq. 2, H225; Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	80-100%
CAS: 2082-81-7	tetramethylene dimethacrylate Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	<10%
CAS: 2842-44-6	N-Hydroxyethyl-N-methyl-p-toluidine Eye Irrit. 2, H319; Skin Sens. 1, H317	≥0.1-<1%

4 First-aid measures

- **Description of first aid measures**
- **General information** Immediately remove any clothing contaminated with the product.
- **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. Seek medical treatment.
- **After swallowing** Do not induce vomiting; instantly call for medical help.

MY

(Contd. on page 3)



BE SURE. BUILD SURE.

Page 3/9

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

Printing date 13.04.2025

Version number 33

Revision: 13.04.2025

Trade name **Reparoxyd Primer - Komponente A**

(Contd. of page 2)

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents** CO₂, 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** Can be released in case of fire
Nitrogen oxides (NO_x)
Carbon monoxide (CO)
- **Advice for firefighters**
- **Protective equipment:** Put on breathing apparatus.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
- **Environmental precautions:** Do not allow product to reach sewage system or water bodies.
Prevent material from reaching sewage system, holes and cellars.
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** Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
Open and handle container with care.
- **Information about protection against explosions and fires:** Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
The product is not flammable
Fumes can combine with air to form an explosive mixture.

(Contd. on page 4)

MY



BE SURE. BUILD SURE.

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

Printing date 13.04.2025

Version number 33

Revision: 13.04.2025

Trade name Reparoxyd Primer - Komponente A

(Contd. of page 3)

- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** Store in cool location.
Store only in the original container.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
Store in cool, dry conditions in well sealed containers.
Protect from heat and direct sunlight.
- **Storage class** 3

8 Exposure controls and personal protection

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

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

CAS: 80-62-6 methyl 2-methylpropenoate

PEL (Malaysia) Long-term value: 410 mg/m³, 100 ppm

- **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:** Filter AX.
In case of brief exposure or low pollution or when application is performed at confined area with adequate mechanical ventilation meeting local authority requirements, use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.
- **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.

(Contd. on page 5)



BE SURE. BUILD SURE.

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

Printing date 13.04.2025

Version number 33

Revision: 13.04.2025

Trade name Reparoxyd Primer - Komponente A

(Contd. of page 4)

- **Penetration time of glove material** The exact breakthrough time must be obtained from the protective glove manufacturer and must be observed.
- **Eye protection:** Not required.
- **Body protection:** Protective work clothing.

9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
 - **Form:** Liquid
 - **Colour:** Light yellow
 - **Smell:** Acrid
- **pH-value:** Not determined.
- **Change in condition**
 - **Melting point/freezing point** -48 °C
 - **Initial boiling point and boiling range** 101 °C
- **Flash point:** 10 °C
- **Auto-ignition temperature** 430 °C
- **Explosive properties:** Product is not explosive. However, formation of explosive air/steam mixtures is possible.
- **Critical values for explosion:**
 - **Lower:** 2.1 Vol %
 - **Upper:** 12.5 Vol %
- **Steam pressure at 20 °C:** 47 hPa
- **Density at 20 °C** 0.99 g/cm³
- **Solubility in / Miscibility with Water:** Not miscible or difficult to mix
- **Viscosity:**
 - **dynamic:** Not determined.
 - **kinematic at 20 °C:** 11 s (DIN 53211/4)
- **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

(Contd. on page 6)



BE SURE. BUILD SURE.

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

Printing date 13.04.2025

Version number 33

Revision: 13.04.2025

Trade name Reparoxyd Primer - Komponente A

(Contd. of page 5)

- **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:**

CAS: 80-62-6 methyl 2-methylpropenoate

Oral	LD50	>6000 mg/kg (Rat)
Dermal	LD50	>7550 mg/kg (rabbit)

- **Primary irritant effect:**
- **Skin corrosion or irritation** Irritant for skin and mucous membranes.
- **Serious eye damage or eye irritation** No irritant effect.
- **Respiratory / skin sensitization** Sensitization possible by skin contact.

· **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:
Harmful
Irritant

12 Ecological information

- **Toxicity**

· **Aquatic toxicity:**

CAS: 80-62-6 methyl 2-methylpropenoate

EC50/24h	502 mg/l (Daphnia magna)
LC50/96h	130 mg/l (Pimephales promelas)
	191 mg/l (Lepomis macrochirus)
EC50/48h	69 mg/l (Daphnia magna)

- **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.

(Contd. on page 7)



BE SURE. BUILD SURE.

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

Printing date 13.04.2025

Version number 33

Revision: 13.04.2025

Trade name *Reparoxyd Primer - Komponente A*

· **Other adverse effects**

No further relevant information available.

(Contd. of page 6)

13 Disposal information

· **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.

14 Transportation information

· **UN-Number**

· **ADR, IMDG, IATA**

UN1247

· **UN proper shipping name**

· **ADR, IMDG, IATA**

METHYL METHACRYLATE MONOMER, STABILIZED

· **Transport hazard class(es)**

· **ADR**

· **Class**

· **Label**

3 (F1) Flammable liquids.

3

· **IMDG, IATA**

· **Class**

· **Label**

3 Flammable liquids.

3

· **Packing group**

· **ADR, IMDG, IATA**

II

· **Environmental hazards:**

· **Marine pollutant:**

no

No

· **Special precautions for user**

· **Kemler Number:**

· **EMS Number:**

· **Stowage Category**

· **Stowage Code**

Warning: Flammable liquids.

33

F-E,S-D

C

SW1 Protected from sources of heat.

SW2 Clear of living quarters.

· **Transport in bulk according to Annex II of**

Marpol and the IBC Code

Not applicable.

(Contd. on page 8)

MY



BE SURE. BUILD SURE.

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

Printing date 13.04.2025

Version number 33

Revision: 13.04.2025

Trade name Reparoxyd Primer - Komponente A

(Contd. of page 7)

· Transport/Additional information:

· ADR

- Limited quantities (LQ)
- Excepted quantities (EQ)

1L
Code: E2
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 500 ml

- Transport category
- Tunnel restriction code
- Remarks:

2
D/E
1 kg Gebinde: Begrenzte Mengen

· IMDG

- Limited quantities (LQ)
- Excepted quantities (EQ)

1L
Code: E2
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 500 ml

· UN "Model Regulation":

UN 1247 METHYL METHACRYLATE MONOMER, STABILIZED, 3, II

15 Regulatory information

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

· EHS reference list

CAS: 80-62-6	methyl 2-methylpropenoate
CAS: 2082-81-7	tetramethylene dimethacrylate

· Directive 2012/18/EU

- Named dangerous substances - ANNEX I

None of the ingredients is listed.

- Seveso category

P5c FLAMMABLE LIQUIDS

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

5000 t

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

50000 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.

(Contd. on page 9)

MY



BE SURE. BUILD SURE.

Page 9/9

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

Printing date 13.04.2025

Version number 33

Revision: 13.04.2025

Trade name Reparoxyd Primer - Komponente A

(Contd. of page 8)

· **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)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 2: Flammable liquids – Category 2
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
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

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

MY