



BE SURE. BUILD SURE.

Page 1/10

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

Printing date 10.11.2023

Version number 20 (replaces version 19)

Revision: 10.11.2023

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

· 1.1 Product identifier

- Trade name **MC-Fastpack PR solid - Komponente A**
- 1.2 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)
- Product category PC9a Coatings and paints, thinners, paint removers
- Process category PROC10 Roller application or brushing
- Environmental release category ERC8f Widespread use leading to inclusion into/onto article (outdoor)
ERC11a Widespread use of articles with low release (indoor)
AC13 Plastic articles
- Article category
- Application of the substance / the mixture Knife filler/ Surfacer

· 1.3 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

· 1.4 Emergency telephone number:

Tel.: +49 / (0)700 24112112 (MCR)
Tel.: +48612864565

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

· Classification according to Regulation (EC) No 1272/2008

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 3 H412 Harmful 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 GB CLP regulation.

(Contd. on page 2)

GB



BE SURE. BUILD SURE.

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

Printing date 10.11.2023

Version number 20 (replaces version 19)

Revision: 10.11.2023

Trade name MC-Fastpack PR solid - Komponente A

(Contd. of page 1)

Hazard pictograms



GHS07 GHS08

Signal word

Danger

Hazard-determining components of labelling:

tetraethyl-N,N'-(methylenedicyclohexane-4,1-diy)bis-DL-aspartate crystalline silica

Hazard statements

H317 May cause an allergic skin reaction.
H372 Causes damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P273 Avoid release to the environment.
P280 Wear protective gloves.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P321 Specific treatment (see on this label).
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description:

Resin mixture.
Mixture consisting of the following components.

Dangerous components:

| | | |
|---|---|--------|
| CAS: 136210-30-5 ELINCS: 429-270-1 Reg.nr.: 01-0000017556-64-xxxx | tetraethyl-N,N'-(methylenedicyclohexane-4,1-diy)bis-DL-aspartate Skin Sens. 1, H317; Aquatic Chronic 3, H412 | 30-60% |
| CAS: 1317-65-3 | Calcium carbonate substance with a Community workplace exposure limit | 10-30% |
| CAS: 14808-60-7 | crystalline silica STOT RE 1, H372 | 10-30% |

Additional information

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

GB

(Contd. on page 3)



BE SURE. BUILD SURE.

Page 3/10

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

Printing date 10.11.2023

Version number 20 (replaces version 19)

Revision: 10.11.2023

Trade name MC-Fastpack PR solid - Komponente A

(Contd. of page 2)

SECTION 4: First aid measures

· 4.1 Description of first aid measures

- **After inhalation** Supply fresh air and call for doctor for safety reasons.
In case of unconsciousness bring patient into stable side position for transport.
Void
- **After skin contact** Instantly wash with water and soap and rinse thoroughly.
- **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.

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

No further relevant information available.

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

No further relevant information available.

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:

Inform respective authorities in case product reaches water or sewage system.

Dilute with much water.

· 6.3 Methods and material for containment and cleaning up:

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

· 6.4 Reference to other sections

No dangerous materials are released.

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

(Contd. on page 4)

GB



BE SURE. BUILD SURE.

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

Printing date 10.11.2023

Version number 20 (replaces version 19)

Revision: 10.11.2023

Trade name MC-Fastpack PR solid - Komponente A

See Section 13 for information on disposal.

(Contd. of page 3)

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Open and handle container with care.
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about protection against explosions and fires:** No special measures required.
- **7.2 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** 6.1C
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components with critical values that require monitoring at the workplace:

1317-65-3 Calcium carbonate

| | |
|-----|---|
| WEL | Long-term value: 10* 4** mg/m ³ *inhalable dust; **respirable |
|-----|---|

DNELs

136210-30-5 tetraethyl-N,N'-(methylenedicyclohexane-4,1-diyl)bis-DL-aspartate

| | | |
|------------|------|---|
| Dermal | DNEL | 4 mg/kg bw/day (ArL) |
| Inhalative | DNEL | 28 mg/m ³ (ArL) 112 mg/m ³ (Ark) |

1317-65-3 Calcium carbonate

| | | |
|------------|------|----------------------------|
| Oral | DNEL | 6.1 mg/kg bw/Tag (ArL) |
| Inhalative | DNEL | 10 mg/m ³ (ArL) |

PNECs

136210-30-5 tetraethyl-N,N'-(methylenedicyclohexane-4,1-diyl)bis-DL-aspartate

| | |
|------|---|
| PNEC | 31.1 mg/l (Kla) 0.000013 mg/l (Mew) 0.00013 mg/l (Freshwater) |
| PNEC | 0.1 mg/kg dwt (Bod) |

(Contd. on page 5)



BE SURE. BUILD SURE.

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

Printing date 10.11.2023

Version number 20 (replaces version 19)

Revision: 10.11.2023

Trade name MC-Fastpack PR solid - Komponente A

(Contd. of page 4)

0.02 mg/kg dwt (Marine water sediment)
0.21 mg/kg dwt (Fresh water sediment)

1317-65-3 Calcium carbonate

PNEC 100 mg/l (Sewage Treatment Plant)

- **Additional information:** *The lists that were valid during the compilation were used as basis.*
- **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** *Instantly remove any soiled and impregnated garments.
Wash hands during breaks and at the end of the work.*
- **Breathing equipment:** *An nicht ausreichend entlüfteten Arbeitsplätzen und bei Spritzverarbeitung Atemschutz erforderlich. Empfohlen werden Frischluftmaske oder für kurzzeitige Arbeiten Kombinationsfilter A2-P2.

Bei Überempfindlichkeit der Atemwege und der Haut (Asthma, chronische Bronchitis, chronische Hautleiden) wird der Umgang mit dem Produkt abgeraten.*
- **Hand protection** *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
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 breakthrough time must be obtained from the protective glove manufacturer and must be observed.*
- **Eye/face protection** *Safety glasses
Tightly sealed safety glasses.*
- **Body protection:** *Impervious protective clothing
Protective work clothing.*

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Physical state** *Fluid*
- **Colour:** *Grey*

(Contd. on page 6)



BE SURE. BUILD SURE.

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

Printing date 10.11.2023

Version number 20 (replaces version 19)

Revision: 10.11.2023

Trade name MC-Fastpack PR solid - Komponente A

(Contd. of page 5)

| | |
|---|--|
| · Smell: | Characteristic |
| · Odour threshold: | Not determined. |
| · Melting point/freezing point: | Not determined |
| · Boiling point or initial boiling point and boiling range | 185 °C (136210-30-5 tetraethyl-N,N'-(methylenedicyclohexane-4,1-diyl)bis-DL-aspartate) |
| · Flammability | Not applicable. |
| · Lower and upper explosion limit | |
| · Lower: | Not determined. |
| · Upper: | Not determined. |
| · Flash point: | 100 °C |
| · Auto-ignition temperature: | 350 °C (152637-10-0 poly(oxy(methyl-1,2-ethanediyl))) |
| · Decomposition temperature: | Not determined. |
| · pH | Mixture reacts violently with water. Not determined. |
| · Viscosity: | |
| · Kinematic viscosity | Not determined. |
| · dynamic: | Not determined. |
| · Solubility | |
| · Water: | Not determined. |
| · Partition coefficient n-octanol/water (log value) | Not determined. |
| · Steam pressure at 20 °C: | 2 hPa (152637-10-0 poly(oxy(methyl-1,2-ethanediyl))) |
| · Vapour pressure at 50 °C: | 8 hPa |
| · Density and/or relative density | |
| · Density at 20 °C | 1.63 g/cm ³ |
| · Relative density | Not determined. |
| · Vapour density | Not determined. |

· **9.2 Other information**

| | |
|--|------------------------------|
| · Appearance: | |
| · Form: | Viscous |
| · Important information on protection of health and environment, and on safety. | |
| · Self-inflammability: | Product is not selfigniting. |
| · Explosive properties: | Product is not explosive. |
| · Change in condition | |
| · Evaporation rate | Not determined. |

· **Information with regard to physical hazard classes**

| | |
|-------------------------------|------|
| · Explosives | Void |
| · Flammable gases | Void |
| · Aerosols | Void |
| · Oxidising gases | Void |
| · Gases under pressure | Void |

(Contd. on page 7)



BE SURE. BUILD SURE.

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

Printing date 10.11.2023

Version number 20 (replaces version 19)

Revision: 10.11.2023

Trade name MC-Fastpack PR solid - Komponente A

(Contd. of page 6)

| | |
|---|------|
| · Flammable liquids | Void |
| · Flammable solids | Void |
| · Self-reactive substances and mixtures | Void |
| · Pyrophoric liquids | Void |
| · Pyrophoric solids | Void |
| · 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 stable
- 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:

136210-30-5 tetraethyl-N,N'-(methylenedicyclohexane-4,1-diyl)bis-DL-aspartate

Oral LD50 >2000 mg/kg (rat) (67/548/EWG, Annex V, B.1)

Dermal LD50 >2000 mg/kg (rat) (67/548/EWG, Annex V, B.3)

1317-65-3 Calcium carbonate

Oral LD50 >2000 mg/kg (rat)

Dermal LD50 >2000 mg/kg (rat)

- Respiratory or skin sensitisation May cause an allergic skin reaction.
- STOT-repeated exposure Causes damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.

(Contd. on page 8)



BE SURE. BUILD SURE.

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

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Version number 20 (replaces version 19)

Revision: 10.11.2023

Trade name MC-Fastpack PR solid - Komponente A

(Contd. of page 7)

11.2 Information on other hazards

Endocrine disrupting properties

128-37-0 2,6-Di-tert-butyl-p-cresol

List II

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

136210-30-5 tetraethyl-N,N'-(methylenedicyclohexane-4,1-diyl)bis-DL-aspartate

| | |
|-----------|------------------------------------|
| LC50/96h | 66 mg/l (Danio rerio) (OECD 203) |
| EC50 | 3110 mg/l (BEL) |
| EC50/48h | 88.6 mg/l (Daphnia magna) |
| NOEC | 0.01 mg/l (Daphnia magna) |
| ErC50/72h | 113 mg/l (Scenedesmus subspicatus) |

1317-65-3 Calcium carbonate

| | |
|----------|------------------------------------|
| EC50/72h | >14 mg/l (Desmodesmus subspicatus) |
| LC50/96h | >10000 mg/l (Oncorhynchus mykiss) |
| LC50/48h | >1000 mg/l (Daphnia magna) |
| EC50/48h | >1000 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

Remark:

Harmful to fish

Additional ecological information:

General notes:

Harmful to aquatic organisms

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

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.

(Contd. on page 9)



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

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Version number 20 (replaces version 19)

Revision: 10.11.2023

Trade name MC-Fastpack PR solid - Komponente A

(Contd. of page 8)

- **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.*

SECTION 14: Transport information

- **14.1 UN number or ID number**
· **ADR, IMDG, IATA** *Void*
- **14.2 UN proper shipping name**
· **ADR, IMDG, IATA** *Void*
- **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.*
- **UN "Model Regulation":** *Void*

SECTION 15: Regulatory information

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

· **Regulated explosives precursors**
None of the ingredients is listed.

· **Regulated poisons**
None of the ingredients is listed.

· **Reportable explosives precursors**
None of the ingredients is listed.

· **Reportable poisons**
None of the ingredients is listed.

(Contd. on page 10)



BE SURE. BUILD SURE.

Page 10/10

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

Printing date 10.11.2023

Version number 20 (replaces version 19)

Revision: 10.11.2023

Trade name MC-Fastpack PR solid - Komponente A

(Contd. of page 9)

- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I**
- **15.2 Chemical safety assessment:**

None of the ingredients is listed.

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

- **Relevant phrases**
 - H317 May cause an allergic skin reaction.*
 - H372 Causes damage to organs through prolonged or repeated exposure.*
 - H412 Harmful to aquatic life with long lasting effects.*
- **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*
 - 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 (UK REACH)*
 - PNEC: Predicted No-Effect Concentration (UK REACH)*
 - LC50: Lethal concentration, 50 percent*
 - LD50: Lethal dose, 50 percent*
 - PBT: Persistent, Bioaccumulative and Toxic*
 - vPvB: very Persistent and very Bioaccumulative*
 - Skin Sens. 1: Skin sensitisation – Category 1*
 - STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1*
 - Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3*
- *** Data compared to the previous version altered.**

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