



BE SURE. BUILD SURE.

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

Printing date 08.12.2023

Version number 23 (replaces version 22)

Revision: 08.12.2023

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)

· Article category AC13 Plastic articles

· 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.

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Hazard pictograms



GHS07 GHS08

Signal word

Danger

Hazard-determining components of labelling:

tetraethyl-N,N'-(methylenedicyclohexane-4,1-diyl)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-diyl)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.



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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.

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See Section 13 for information on disposal.

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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:**

CAS: 1317-65-3 Calcium carbonate

WEL Long-term value: 10* 4** mg/m³
*inhalable dust; **respirable

· **DNELs**

CAS: 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)

CAS: 1317-65-3 Calcium carbonate

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

· **PNECs**

CAS: 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)

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

CAS: 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*

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· Smell:	Characteristic
· Odour threshold:	Not determined.
· Melting point/freezing point:	Not determined
· Boiling point or initial boiling point and boiling range	185 °C (CAS: 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 (CAS: 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 (CAS: 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

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· 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:

CAS: 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)

CAS: 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.

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· **11.2 Information on other hazards**

· **Endocrine disrupting properties**

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

List II

SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**

CAS: 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)

CAS: 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.

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- **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.

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- **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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