



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 20 (replaces version 19)

Revision: 08.12.2023

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

· **1.1 Product identifier**

· **Trade name** Colusal Speed Primer - Komponente A

· **Article number:** 4469

· **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** Polyurethane lacquer

· **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**

Eye Irrit. 2 H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

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

· **Signal word**

Warning

· **Hazard-determining components of labelling:**

tetraethyl-N,N'-(methylenedicyclohexane-4,1-diyl)bis-DL-aspartate  
H319 Causes serious eye irritation.

· **Hazard statements**

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

· **Precautionary statements**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P273 Avoid release to the environment.

P280 Wear protective gloves / eye protection / face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

· **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: 13939-25-8	aluminium dihydrogen triphosphate Eye Irrit. 2, H319	<10%

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EC number: 905-588-0 Reg.nr.: 01-2119488216-32 01-2119486136-34	Reaction mass of ethylbenzene and xylene Flam. Liq. 3, H226; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	<2.5%
CAS: 64742-95-6	Solvent naphtha (petroleum), light arom. Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; STOT SE 3, H335-H336, EUH066	≥0.25-<1.5%
CAS: 222417-26-7	Polyacrylate Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315	≥0.25-<1%

### SECTION 4: First aid measures

#### · 4.1 Description of first aid measures

- **General information** No special measures required.
- **After inhalation** Void
- **After skin contact** The product is not skin irritating.
- **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.

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- **6.2 Environmental precautions:** No special measures required.
- **6.3 Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections** No dangerous materials are released.

#### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Open and handle container with care.
- **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** 12
- **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:** The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **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<sup>3</sup> (ArL)

112 mg/m<sup>3</sup> (Ark)

**Reaction mass of ethylbenzene and xylene**

Oral DNEL 1.6 mg/kg bw/Tag (ArL)  
mg/kg bw/Tag (Workers)

Dermal DNEL 180 mg/kg bw/day (ArL)

Inhalative DNEL 211 mg/m<sup>3</sup> (ArL)

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

**· CAS No. Designation of material % Type Value Unit**

**· Additional Occupational Exposure Limit Values for possible hazards during processing:**

**CAS: 1330-20-7 xylene**

WEL	Short-term value: 441 mg/m <sup>3</sup> , 100 ppm
	Long-term value: 220 mg/m <sup>3</sup> , 50 ppm
	Sk; BMGV

**CAS: 100-41-4 Ethylbenzene**

WEL	Short-term value: 552 mg/m <sup>3</sup> , 125 ppm
	Long-term value: 441 mg/m <sup>3</sup> , 100 ppm
	Sk

**· 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**

The usual precautionary measures should be adhered to in handling the chemicals.

**· Hand protection**

Protective gloves.

**· Material of gloves**

Nitrile rubber, NBR

**· 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:**

Protective work clothing.

**SECTION 9: Physical and chemical properties**

**· 9.1 Information on basic physical and chemical properties**

**· General Information**

**· Colour:**

According to product specification

**· Smell:**

Characteristic

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· <b>Melting point/freezing point:</b>	Not determined
· <b>Boiling point or initial boiling point and boiling range</b>	185 °C (CAS: 136210-30-5 tetraethyl-N,N'-(methylenedicyclohexane-4,1-diyl)bis-DL-aspartate)
· <b>Flash point:</b>	Not applicable
· <b>Auto-ignition temperature:</b>	>370 °C (CAS: 7631-86-9 silicon dioxide, chemically prepared)
· <b>pH</b>	Not determined.
· <b>Viscosity:</b>	
· <b>Kinematic viscosity</b>	Not determined.
· <b>dynamic:</b>	Not determined.
· <b>Solubility</b>	
· <b>Water:</b>	Not miscible or difficult to mix
· <b>Steam pressure:</b>	Not determined.
· <b>Density and/or relative density</b>	
· <b>Density at 20 °C</b>	1.85 g/cm <sup>3</sup>

· **9.2 Other information**

· <b>Appearance:</b>	
· <b>Form:</b>	Fluid
· <b>Important information on protection of health and environment, and on safety.</b>	
· <b>Self-inflammability:</b>	Product is not selfigniting.
· <b>Explosive properties:</b>	Product is not explosive.

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

· <b>Explosives</b>	Void
· <b>Flammable gases</b>	Void
· <b>Aerosols</b>	Void
· <b>Oxidising gases</b>	Void
· <b>Gases under pressure</b>	Void
· <b>Flammable liquids</b>	Void
· <b>Flammable solids</b>	Void
· <b>Self-reactive substances and mixtures</b>	Void
· <b>Pyrophoric liquids</b>	Void
· <b>Pyrophoric solids</b>	Void
· <b>Self-heating substances and mixtures</b>	Void
· <b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
· <b>Oxidising liquids</b>	Void
· <b>Oxidising solids</b>	Void
· <b>Organic peroxides</b>	Void
· <b>Corrosive to metals</b>	Void
· <b>Desensitised explosives</b>	Void

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**SECTION 10: Stability and reactivity**

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **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)
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Dermal	LD50	>2000 mg/kg (rat) (67/548/EWG, Annex V, B.3)
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**Reaction mass of ethylbenzene and xylene**

Oral	LD50	3523-4000 mg/kg (rat)
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Dermal	LD50	1100 mg/kg (rabbit)
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Inhalative	LC50/4 h	11 mg/l (rat)
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- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Causes serious eye irritation.
- **Respiratory or skin sensitisation** May cause an allergic skin reaction.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **11.2 Information on other hazards**

· **Endocrine disrupting properties**

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

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**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)

**Reaction mass of ethylbenzene and xylene**

EC50/72h	2.2 mg/l (Selenastrum capricornutum)
LC50/96h	2.6 mg/l (Oncorhynchus mykiss)
NOEC	16 mg/l (BEL)

**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**

**Additional ecological information:**

**General notes:**

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.

**Uncleaned packagings:**

**Recommendation:**

Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.

**SECTION 14: Transport information**

**14.1 UN number or ID number**

**ADR, ADN, IMDG, IATA**

Void

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· <b>14.2 UN proper shipping name</b> · <b>ADR, ADN, IMDG, IATA</b>	Void
· <b>14.3 Transport hazard class(es)</b> · <b>ADR, ADN, IMDG, IATA</b> · <b>Class</b>	Void
· <b>14.4 Packing group</b> · <b>ADR, IMDG, IATA</b>	Void
· <b>14.5 Environmental hazards:</b> · <b>Marine pollutant:</b>	No
· <b>14.6 Special precautions for user</b>	Not applicable.
· <b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable.
· <b>UN "Model Regulation":</b>	Void

#### SECTION 15: Regulatory information

· **15.1 Safety, health and environmental regulations/ legislation specific for the substance or mixture**      *No further relevant information available.*  
 · **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.*

· **15.2 Chemical safety assessment:**      *A Chemical Safety Assessment has not been carried out.*

#### SECTION 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.*

· **Relevant phrases**

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.

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- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.
- EUH066 Repeated exposure may cause skin dryness or cracking.

· **Department issuing data specification sheet:**

· **Abbreviations and acronyms:**

Environment protection department.

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

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

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

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Asp. Tox. 1: Aspiration hazard – 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

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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