



SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No. 2015/830

Revision date: 26/9/2017
Version: 6
Language: en-GB,IE
Date of print: 16/10/2017

SG Methoxyethyl (Alkoxy)

Material number SG Methoxyethyl (Alkoxy)

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

1.1 Product identifier

Trade name: SG Methoxyethyl (Alkoxy)
This safety data sheet pertains to the following products:
SG60.F10/F20/F50/F500: Super Glue 60, 10g/20g/50g/500g
SG61.F10/F20/F50/F500: Super Glue 61, 10g/20g/50g/500g
SG63.F10/F20/F50/F500: Super Glue 63, 10g/20g/50g/500g

1.2 Relevant identified uses of the substance or mixture and uses advised against

General use: Adhesive

1.3 Details of the supplier of the safety data sheet

Company name: GLUETEC Industrieklebstoffe GmbH & Co. KG
Street/POB-No.: Am Biotop 8a
Postal Code, city: 97259 Greußenheim
Germany
WWW: www.gluetec.de
E-mail: info@gluetec.de
Telephone: +49 (0)9369-98 36-0
Telefax: +49 (0)9369-98 36-10
Dept. responsible for information:
Department QS, Telephone: +49 (0)9369-98 36-0, E-mail: technik@gluetec.de

1.4 Emergency telephone number

GIZ-Nord, Göttingen, Germany,
Telephone: +49 551-19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

This mixture is classified as not hazardous.

2.2 Label elements

Labelling (CLP)

Hazard statements: not applicable

Precautionary statements: not applicable

2.3 Other hazards

Reacts violently with water.
Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.



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SECTION 3: Composition / information on ingredients

3.1 Substances: not applicable

3.2 Mixtures

Chemical characterisation: 2-Methoxyethyl 2-cyanoacrylate (CAS-Number: 27816-23-5), 70-90%

SECTION 4: First aid measures

4.1 Description of first aid measures

- General information: Cyanacrylate - Danger - skin and eyelids will stick together in seconds.
- In case of inhalation: Move victim to fresh air, put at rest and loosen restrictive clothing. If breathing has stopped, give artificial respiration immediately. Seek medical attention.
- Following skin contact: Immediately clean with water and soap followed by thorough rinsing. If product comes into contact with lips, hold mouth open. Do not allow lips to contact one another. Change contaminated clothing. Seek medical attention.
- After eye contact: Keep eye wide open. Subsequently seek the immediate attention of an ophthalmologist. Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Do not attempt to pull apart bonded eyelid.
- After swallowing: Keep airway open. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

- In case of inhalation:
In case of prolonged exposure: May cause sensitization by inhalation. cough, shortage of breath, headache, nausea, vomiting.
In case of ingestion: Saliva will cause cyanoacrylate to polymerize in the mouth.
After contact with skin: Redness, pain.
After eye contact: Redness, pain.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media:
Extinguishing powder, foam, carbon dioxide.
- Extinguishing media which must not be used for safety reasons:
full water jet

5.2 Special hazards arising from the substance or mixture

In case of strong heating/In case of fire may be liberated: Cyanides, nitrogen oxides (NO_x), carbon monoxide and carbon dioxide.

5.3 Advice for firefighters

- Special protective equipment for firefighters:
Wear a self-contained breathing apparatus and chemical protective clothing.
- Additional information: Hazchem-Code: -
Use fine water spray to cool endangered containers. You have to dispose of contaminated extinguishing water according to the regulations of the authorities.



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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Cyanacrylate - Danger - skin and eyelids will stick together in seconds.
Avoid contact with skin, eyes, and clothing.
Do not breathe vapour/aerosol. Provide adequate ventilation.
Wear appropriate protective equipment. Keep unprotected people away.

6.2 Environmental precautions

Do not allow to penetrate into soil, waterbodies or drains.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents) and place in closed containers for disposal.
Possible alternatives: Mix with water: Polymerisation. Take up mechanically and send to waste disposal.
In case of greater quantities: Collect mechanically (use only explosion-proof equipment when pumping out). Use explosion-proof equipment and non-sparking tools/utensils.

6.4 Reference to other sections

Refer additionally to section 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed.
Do not breathe vapour/aerosol. Wear appropriate protective equipment.
Avoid contact with skin, eyes, and clothing. Change contaminated clothing.
Eye wash facility must be provided.
Wash hands before breaks and after work. When using do not eat, drink or smoke.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:
Keep container tightly closed in a cool, well-ventilated place.
Protect from moisture contamination. Recommended storage temperature: 2-8 °C
Protect from frost, heat and sunlight.

Hints on joint storage: Do not store together with: strong oxidizing agents, amines, alkalis, alcohol, acids

7.3 Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Additional information: Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Provide for good ventilation or exhaust system or work with completely self-contained equipment. Use only explosion-proof equipment.



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Personal protection equipment

Occupational exposure controls

- Respiratory protection: Respiratory protective device.
Use filter type AXBEK according to EN 14387.
- Hand protection: Protective gloves according to EN 374.
Glove material: polyethylene
Unsuitable materials: Rubber, PVC.
Breakthrough time: >480 min.
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.
- Eye protection: Tightly sealed goggles according to EN 166.
- Body protection: Wear suitable protective clothing.
- General protection and hygiene measures:
Do not breathe vapour/aerosol. Avoid contact with skin, eyes, and clothing. Change contaminated clothing.
Eye wash facility must be provided. Wash hands before breaks and after work.
When using do not eat, drink or smoke.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Physical state at 20 °C and 101.3 kPa: liquid
Colour: colourless, clear
- Odour: almost odourless
Odour threshold: No data available
- pH value: not determined
- Melting point/freezing point: not determined
- Initial boiling point and boiling range: 150 °C
- Flash point/flash point range: 90 °C
- Evaporation rate: No data available
- Flammability: No data available
- Explosion limits: LEL (Lower Explosion Limit): not determined
UEL (Upper Explosive Limit): not determined
- Vapour pressure: at 20 °C: 0.03 hPa
- Vapour density: No data available
- Density: 1.10 g/mL
- Solubility: soluble in acetone
- Water solubility: insoluble
- Partition coefficient: n-octanol/water: No data available
- Auto-ignition temperature: 500 °C
- Decomposition temperature: No data available
- Viscosity, kinematic: No data available
- Explosive properties: No data available
- Oxidizing characteristics: No data available

9.2 Other information

- Additional information: No data available



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SECTION 10: Stability and reactivity

10.1 Reactivity

refer to 10.3

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

After contact with water: Polymerization along with heat production.

10.4 Conditions to avoid

Protect from moisture contamination. Avoid open flames.
Protect from frost, heat and sunlight.

10.5 Incompatible materials

Oxidizing agents, amines, alkalis, alcohol, acids (danger of polymerization).

10.6 Hazardous decomposition products

Cyanides, nitrogen oxides (NOx), carbon monoxide and carbon dioxide.

Thermal decomposition: No data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Toxicological effects: The statements are derived from the properties of the single components. No toxicological data is available for the product as such.

Acute toxicity (oral): Based on available data, the classification criteria are not met.

Acute toxicity (dermal): Based on available data, the classification criteria are not met.

Acute toxicity (inhalative): Lack of data.

Skin corrosion/irritation: Lack of data.

Eye damage/irritation: Lack of data.

Sensitisation to the respiratory tract: Lack of data.

Skin sensitisation: Lack of data.

Germ cell mutagenicity/Genotoxicity: Lack of data.

Carcinogenicity: Lack of data.

Reproductive toxicity: Lack of data.

Effects on or via lactation: Lack of data.

Specific target organ toxicity (single exposure): Lack of data.

Specific target organ toxicity (repeated exposure): Lack of data.

Aspiration hazard: Lack of data.

Other information: Information about 2-Methoxyethyl 2-cyanoacrylate:

LD50 Rat, oral: > 5,000 mg/kg

LD50 Rabbit, dermal: > 2,000 mg/kg

Cyanoacrylate - Danger - skin and eyelids will stick together in seconds.

Keep out of the reach of children.



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Symptoms

In case of inhalation:

In case of prolonged exposure: May cause sensitization by inhalation. cough, shortage of breath, headache, nausea, vomiting.

In case of ingestion: Saliva will cause cyanoacrylate to polymerize in the mouth.

After contact with skin: Redness, pain.

After eye contact: Redness, pain.

SECTION 12: Ecological information

12.1 Toxicity

Further details: No data available

12.2 Persistence and degradability

Further details: Product is biodegradable.

12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water:

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6 Other adverse effects

General information: Do not allow to penetrate into soil, waterbodies or drains.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste key number: 08 04 09* = Waste adhesives and sealants containing organic solvents or other dangerous substances

MFSU = manufacture, formulation, supply and use

* = Evidence for disposal must be provided.

Recommendation: Dispose of waste according to applicable legislation.

Contaminated packaging

Recommendation: Dispose of waste according to applicable legislation.
Non-contaminated packages may be recycled.



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SECTION 14: Transport information

14.1 UN number

ADR/RID, IMDG, IATA-DGR:

not applicable

14.2 UN proper shipping name

ADR/RID, IMDG, IATA-DGR:

Not restricted

14.3 Transport hazard class(es)

ADR/RID, IMDG, IATA-DGR:

not applicable

14.4 Packing group

ADR/RID, IMDG, IATA-DGR:

not applicable

14.5 Environmental hazards

Marine pollutant:

no

14.6 Special precautions for user

No dangerous good in sense of these transport regulations.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

No data available

SECTION 15: Regulatory information

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

National regulations - Great Britain

Hazchem-Code:

-

No data available

National regulations - EC member states

Volatile organic compounds (VOC):

20 g/L

15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

SECTION 16: Other information

Further information

Reason of change: Changes in section 3: Composition / information on ingredients

General revision

Date of first version: 29/1/2013



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Department issuing data sheet

Contact person: see section 1: Dept. responsible for information

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.