



SAFETY DATA SHEET

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

Revision date: 10/7/2017
Version: 9
Language: en-GB,IE
Date of print: 17/7/2017

Super Glue Ethyl

Material number SG

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

1.1 Product identifier

Trade name: Super Glue Ethyl
This safety data sheet pertains to the following products:

Super Glue Gel
SG5.F10/F20/F50/F500: Super Glue 5, 10g/20g/50g/500g
SG25.F10/F20/F50/F500: Super Glue 25, 10g/20g/50g/500g
SG100.F10/F20/F50/F500: Super Glue 100, 10g/20g/50g/500g
SG300.F10/F20/F50/F500: Super Glue 300, 10g/20g/50g/500g
SG1000.F10/F20/F50/F500: Super Glue 1000, 10g/20g/50g/500g
SGFX6000.F10/F20/F50/F500: Super Glue FX 6000, 10g/20g/50g/500g
SG3.F10/F20/F50/F500: Super Glue 3, 10g/20g/50g/500g
SG15.F10/F20/F50/F500: Super Glue 15, 10g/20g/50g/500g
SG75.F10/F20/F50/F500: Super Glue 75, 10g/20g/50g/500g
SG140.F10/F20/F50/F500: Super Glue 140, 10g/20g/50g/500g
SG250.F10/F20/F50/F500: Super Glue 250, 10/20g/50g/500g
SG1200.F10/F20/F50/F500: Super Glue 1200, 10g/20g/50g/500g
SG2000.F10/F20/F50/F500: Super Glue 2000, 10g/20g/50g/500g
SGHT20.F20/F50/F500: Super Glue HT20, 20g/50g/500g
SGHT100.F10/F20/F50/F500: Super Glue HT100, 10g/20g/50g/500g
SGHT300.F1/F20/F50/F500: Super Glue HT300, 10g/20g/50g/500g
SGHT1000.F10/F20/F50/F500: Super Glue HT1000, 10g/20g/50g/500g
SGHT2500.F10/F20/F50/F500: Super Glue HT2500, 10g/20g/50g/500g
SGHT3.F10/F20/F50/F500: Super Glue HT 3 10g/20g/50g/500g
SGU2C.S10B: Super Glue, Universal, 2-components syringe

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**



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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

Skin Irrit. 2; H315 Causes skin irritation.
Eye Irrit. 2; H319 Causes serious eye irritation.
STOT SE 3; H335 May cause respiratory irritation.

2.2 Label elements

Labelling (CLP)



Signal word:

Warning

Hazard statements: H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

Precautionary statements:

P102 Keep out of reach of children.
P261 Avoid breathing vapours.
P302+P352 IF ON SKIN: Wash with plenty of water/soap.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTER/doctor if you feel unwell.
P501 Dispose of contents/container to hazardous or special waste collection point.

Special labelling

EUH202 Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.
Contains Ethyl 2-cyanoacrylate.

2.3 Other hazards

No risks worthy of mention.

Results of PBT and vPvB assessment:

No data available

SECTION 3: Composition / information on ingredients

3.1 Substances: not applicable

3.2 Mixtures

Hazardous ingredients:

Ingredient	Designation	Content	Classification
REACH 01-2119527766-29-xxxx	Ethyl	88 - 99 %	Skin Irrit. 2; H315.
EC No. 230-391-5	2-cyanoacrylate		Eye Irrit. 2; H319.
CAS 7085-85-0			STOT SE 3; H335.

Full text of H- and EUH-statements: see section 16.



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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 prolonged exposure: May cause sensitization by skin contact.
Effects resulting from repeated or prolonged exposure: cough, shortage of breath, headache, nausea, vomiting, eye damage/irritation.
In case of ingestion: May be harmful if swallowed.
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: Water fog, 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

Combustible. On contact with air, potentially explosive mixtures may develop.
In case of strong heating/In case of fire may be liberated: Cyanides, nitrogen oxides (NOx), 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 enter into ground-water, surface water 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.

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.

Precautions against fire and explosion:

Keep away from sources of ignition - No smoking.
Use only explosion-proof equipment.
Take precautionary measures against static discharges.

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.

7.3 Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
7085-85-0	Ethyl 2-cyanoacrylate	Great Britain: WEL-STEL Ireland: 8 hours	1.5 mg/m ³ ; 0.3 ppm 0.2 ppm



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8.2 Exposure controls

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

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: nitrile rubber - Layer thickness: ≥ 0.1 mm
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:
Change contaminated clothing. Avoid contact with the substance.
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
- Odour: stinging
- Odour threshold: No data available
- pH value: No data available
- Melting point/freezing point: No data available
- Initial boiling point and boiling range: > 150 °C
- Flash point/flash point range: 87 °C
- Evaporation rate: No data available
- Flammability: No data available
- Explosion limits: No data available
- Vapour pressure: No data available
- Vapour density: No data available
- Density: 1.05 g/mL
- Solubility: soluble in: acetone
- Water solubility: insoluble
- Partition coefficient: n-octanol/water: 1.42 log P(o/w)
Based on the n-octanol/water partition coefficient significant accumulation in organisms is not expected.
- Auto-ignition temperature: 500 °C
- Decomposition temperature: 75 °C
- Viscosity, kinematic: No data available



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Explosive properties: No data available
Oxidizing characteristics: No data available

9.2 Other information

Additional information: Molar mass: 125,13 g/mol

SECTION 10: Stability and reactivity

10.1 Reactivity

refer to 10.3

10.2 Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

10.3 Possibility of hazardous reactions

Contact with the following materials leads to a violent reaction: Water, humidity - 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

Strong acids, strong oxidizing agents,, amines, alkalis, alcohol (danger of polymerization)

10.6 Hazardous decomposition products

Thermal breakdown of this product during fire or very high heat condition may evolve the following hazardous decomposition products: Cyanides, nitrogen oxides (NOx), carbon monoxide and carbon dioxide.

Thermal decomposition: 75 °C



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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): Based on available data, the classification criteria are not met.
Skin corrosion/irritation: Skin Irrit. 2; H315 = Causes skin irritation.
Eye damage/irritation: Eye Irrit. 2; H319 = Causes serious eye irritation.
Sensitisation to the respiratory tract: Based on available data, the classification criteria are not met.
Skin sensitisation: Based on available data, the classification criteria are not met.
Germ cell mutagenicity/Genotoxicity: 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.
Effects on or via lactation: Based on available data, the classification criteria are not met.
Specific target organ toxicity (single exposure): STOT SE 3; H335 = May cause respiratory irritation.
Specific target organ toxicity (repeated exposure): Based on available data, the classification criteria are not met.
Aspiration hazard: Based on available data, the classification criteria are not met.

Other information: Information about Ethyl 2-cyanoacrylate:
LD50 Rat, oral: > 5000 mg/kg (OECD 401)
LD50 Rabbit, male, dermal: > 2000 mg/kg (OECD 402)
Cyanacrylate - Danger - skin and eyelids will stick together in seconds.
Keep out of the reach of children.

Symptoms

In case of prolonged exposure: May cause sensitization by skin contact.
Effects resulting from repeated or prolonged exposure: cough, shortage of breath, headache, nausea, vomiting, eye damage/irritation.
In case of ingestion: May be harmful if swallowed.
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.



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12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water:

1.42 log P(o/w)

Based on the n-octanol/water partition coefficient significant accumulation in organisms is not expected.

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

General information: Do not allow to enter into ground-water, surface water 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: Incinerate as hazardous waste according to applicable local, state, and federal regulations.

Contaminated packaging

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

SECTION 14: Transport information

14.1 UN number

ADR/RID, IMDG: not applicable

IATA-DGR: UN 3334

14.2 UN proper shipping name

ADR/RID, IMDG: Not restricted

IATA-DGR: UN 3334, AVIATION REGULATED LIQUID, N.O.S. (Ethyl 2-cyanoacrylate)

14.3 Transport hazard class(es)

ADR/RID, IMDG: not applicable

IATA-DGR: Class 9

14.4 Packing group

ADR/RID, IMDG: not applicable

IATA-DGR: III



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14.5 Environmental hazards

Marine pollutant: no

14.6 Special precautions for user

Air transport (IATA)

Hazard label: Miscellaneous
Excepted Quantity Code: E1
Passenger and Cargo Aircraft: Ltd.Qty.: Pack.Instr. Y964 - Max. Net Qty/Pkg. 30 kg G
Passenger and Cargo Aircraft: Pack.Instr. 964 - Max. Net Qty/Pkg. 450 L
Cargo Aircraft only: Pack.Instr. 964 - Max. Net Qty/Pkg. 450 L
Special provisions: A27
Emergency Response Guide-Code (ERG): 9A

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

Labelling of packaging with <= 125mL content



Signal word: **Warning**

Hazard statements: H335 May cause respiratory irritation.

Precautionary statements:
P102 Keep out of reach of children.
P261 Avoid breathing vapours.
P312 Call a POISON CENTER/doctor if you feel unwell.
P501 Dispose of contents/container to hazardous or special waste collection point.

15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.



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SECTION 16: Other information

Further information

Wording of the H-phrases under paragraph 2 and 3:

H315 = Causes skin irritation.

H319 = Causes serious eye irritation.

H335 = May cause respiratory irritation.

EUH202 = Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

Reason of change: IATA-DGR 2017

Date of first version: 13/12/2012

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.