

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier: SILOXASGHV20, SILOXASGHV50, SILOXASGMV20, SILOXASGMV50
Synonyms: SUPER GLUE
ETHYL-2-CYANOACRYLATE ESTER

1.2 Relevant identified uses of the substance or mixture and uses advised against:
Use of substance/ mixture: Cyanoacrylate adhesive
Main use category: Professional use
Uses advised against: All uses not specified in this section

1.3 Details of the supplier of the safety data sheet:
Siloxa Building Chemicals
The Office
Three Pillars Business Park
Sutton-in-the-Isle
Cambridgeshire
CB6 2RU

1.4 Emergency telephone number: 07970287971

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

Classification under CLP: STOT SE 3: H335; Eye Irrit. 2: H319; Skin Irrit. 2: H315; EUH202

Most important adverse effects: Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

2.2 Label elements:

Hazard statements: 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.

Hazard pictograms: GHS07: Exclamation mark



Signal words: Warning.

Precautionary statements:

P261: Avoid breathing dust/fumes/gas/mist/vapors/spray.

P264: Wash hands thoroughly after handling.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352: IF ON SKIN: Wash with plenty of water.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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 POISON CENTER/doctor if you feel unwell.

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

P332+P313: If skin irritation occurs: Get medical advice/attention.

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P501: Dispose of contents/container to comply with Local, National and International regulations.

Hazard ingredients label: ETHYL-2-CYANOACRYLATE

2.3 Other Hazard:

PBT: This product is not identified as a PBT/vPvB substance.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixture:

Hazardous ingredients:

ETHYL-2-CYANOACRYLATE

| EINECS | CAS | PBT / WEL | CLP Classification | Percent |
|-----------|-----------|-----------|---|---------|
| 230-391-5 | 7085-85-0 | - | Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315 | 80-95% |

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

By skin contact: Wash immediately with plenty of soap and water.

By eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination

By Ingestion: Wash out mouth with water.

By inhalation: Not applicable.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed/immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate /special treatment: Eye bathing equipment should be available on the premises.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2 Special hazards arising from the substance or mixture:

Exposure hazards: In combustion emits toxic fumes.

5.3 Advice for fire fighters:

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Mark out the contaminated area with signs and prevent access to unauthorized personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2 Environmental precautions:

Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3 Methods and material for containment and cleaning up:

Clean up procedure: Absorb into dry earth or sand. Transfer to a closable, labeled salvage container for disposal by an appropriate method.

6.4 Reference to other sections:

Refer to section 8 of SDS.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

7.2 Conditions for safe storage, including any incompatibilities:

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3 Specific end use(s): No data available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Hazardous ingredients:
ETHYL-2-CYANOACRYLATE

| Workplace exposure limits: | | | Respirable dust: | | |
|----------------------------|------------|-----------------------|------------------|--------------|--|
| State | 8 hour TWA | 15 min. STEL | 8 hour TWA | 15 min. STEL | |
| UK | - | 1.5 mg/m ³ | - | - | |

DNEL/PNEC: No data available.

8.2 Exposure controls:

Engineering measures: Ensure there is sufficient ventilation of the area.
Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.
Hand protection: Protective gloves.
Eye protection: Tightly fitting Safety glasses. Ensure eye bath is to hand.
Skin protection: Protective clothing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

State: Liquid
Colour: Colourless
Odour: Sharp characteristic odour.
Solubility in water: Insoluble
Also soluble in: Acetone (completely soluble)
Boiling point/range°C: 150
Flash point °C: 60-93
Vapour pressure: 0.293 mmHg
Relative density: 1.04

9.2 Other information:

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

Stable under recommended transport or storage conditions.

10.2 Chemical stability:

Stable under normal conditions.

10.3 Possibility of hazardous reactions:

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4 Conditions to avoid:

Heat

10.5 Incompatible materials:

Materials to avoid: Strong oxidising agents. Strong acids.

10.6 Hazardous decomposition products:

In combustion emits toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

Toxicity values:

| Route | Species | Test | Value | Units |
|--------|---------|------|-------|-------|
| DERMAL | RBT | LD50 | >2000 | mg/kg |
| ORAL | RAT | LD50 | >5000 | mg/kg |

Hazardous ingredients:

ETHYL-2-CYANOACRYLATE

| | | | | |
|-----|-----|------|----|-------|
| ORL | RAT | LD50 | >5 | ml/kg |
|-----|-----|------|----|-------|

Relevant hazards for products:

| Hazard | Route | Basis |
|-------------------------------|-------|-----------------------|
| Skin corrosion/irritation | DRM | Hazardous: calculated |
| Serious eye damage/irritation | OPT | Hazardous: calculated |
| STOT-single exposure | INH | Hazardous: calculated |

11.2 Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed/immediate effects: Immediate effects can be expected after short-term exposure.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity: Ecotoxicity no data available.

12.2 Persistence and degradability: Biodegradable.

12.3 Bioaccumulative potential: No bioaccumulation potential.

12.4 Mobility in soil: Readily absorbed into soil.

12.5 Results of PBT and vPvB assessment: This product is not identified as a PBT/vPvB substance.

12.6 Other adverse effects: Negligible ecotoxicity.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: TRANSPORT INFORMATION

14.1 transport class: This product does not require a classification for transport.

SECTION 15: REGULATORY INFORMATION

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

Specific regulations: Not applicable.

15.2 Chemical safety assessment:

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

*indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3:

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

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.