



Safety Data Sheet

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LOCTITE GLASS GLUE

MSDS-No. : 289035

V000.0

Date of issue: 30.06.2015

Section 1. Identification of the substance/preparation and of the company/undertaking

Product name: LOCTITE GLASS GLUE

Intended use: Cyanoacrylate

Supplier:
Henkel Australia Pty Ltd
135-141 Canterbury Road
Kilsyth, Victoria, 3137
Australia

Phone: +61 (3) 9724 6444

Emergency information: 24 HOUR EMERGENCY CONTACT NUMBER: 1800 032 379

Section 2. Hazards identification

Classification of the substance or mixture

Hazardous according to the criteria of Safe Work Australia.

GHS Classification:

Hazard Class
Flammable liquids
Skin sensitizer

Hazard Category
Category 4
Category 1

Hazard pictogram:



Signal word:

Warning

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| Hazard statement(s): | H227 Combustible liquid. H317 May cause an allergic skin reaction. |
| Precautionary Statement(s): | |
| Prevention: | P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves, eye protection, and face protection. |
| Response: | P302+P352 IF ON SKIN: Wash with plenty of water. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P363 Wash contaminated clothing before reuse. P370+P378 In case of fire: Use CO2, dry chemical, or foam for extinction. |
| Storage: | P403+P235 Store in a well-ventilated place. Keep cool. |
| Disposal: | P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. |

Classification of material Xi - Irritant

Risk phrases:

R43 May cause sensitisation by skin contact.

Safety phrases:

S24 Avoid contact with skin.
S28 After contact with skin, wash immediately with plenty of water.
S37 Wear suitable gloves.
S46 If swallowed, seek medical advice immediately and show this container or label.

Dangerous Goods information:

Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

Signal word:

HAZARDOUS

Section 3. Composition / information on ingredients

General chemical description: Mixture
Type of preparation: Cyanoacrylate Adhesive

Identity of ingredients:

| Chemical ingredients | CAS-No. | Proportion |
|----------------------------|---------|------------|
| Triethyl O-acetylcitrate | 77-89-4 | 10- 30 % |
| non hazardous ingredients~ | | 60- 100 % |

Section 4. First aid measures

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| Ingestion: | Ensure that breathing passages are not obstructed. The product will polymerise immediately in the mouth making it almost impossible to swallow. Saliva will slowly separate the solidified product from the mouth (several hours). |
| Skin: | If lips are accidentally stuck together apply warm water to the lips and encourage maximum wetting and pressure from saliva inside the mouth. Do not pull bonded skin apart. It may be gently peeled apart using a blunt object such as a spoon, preferably after soaking in warm soapy water. Cyanoacrylates give off heat on solidification. In rare cases a large drop will generate enough heat to cause a burn. Burns should be treated normally after the adhesive has been removed from the skin. |
| Eyes: | If the eye is bonded closed, release eyelashes with warm water by covering with wet pad. Cyanoacrylate will bond to eye protein and will cause periods of weeping which will help to debond the adhesive. Keep eye covered until debonding is complete, usually within 1-3 days. Do not force eye open. Medical advice should be sought in case solid particles of cyanoacrylate trapped behind the eyelid cause any abrasive damage. |
| Inhalation: | Move to fresh air, consult doctor if complaint persists. |
| First Aid facilities: | Eye wash Normal washroom facilities |
| Medical attention and special treatment: | Treat symptomatically. |

Section 5. Fire fighting measures

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| Suitable extinguishing media: | Foam, dry chemical or carbon dioxide. |
| Improper extinguishing media: | High pressure waterjet |
| Combustion behaviour: | Combustible Liquid |
| Decomposition products in case of fire:: | Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. |
| Special protective equipment for fire-fighters: | Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. |

Section 6. Accidental release measures

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| Personal precautions: | See advice in section 8 Avoid contact with skin and eyes. |
| Environmental precautions: | Do not empty into drains / surface water / ground water. |
| Clean-up methods: | Do not use cloths for mopping up. Flood with water to complete polymerization and scrape off the floor. Cured material can be disposed of as non-hazardous waste. |

Section 7. Handling and storage

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| Precautions for safe handling: | Use only in well-ventilated areas. Use personal protective equipment as described in Section 8. Use of dispensing equipment is recommended to minimise the risk of skin or eye contact |
|---------------------------------------|--|

Conditions for safe storage: Store in a cool, dry, well-ventilated area.
For optimum shelf life store in original containers under refrigerated conditions at 2 - 8°C (35.6 - 46.4 °F)
Keep away from heat and direct sunlight.
Keep container tightly sealed.
Refer to AS 1940: The Storage and Handling of Flammable and Combustible Liquids.

Section 8. Exposure controls / personal protection

National exposure standards:

None

Engineering controls: General room ventilation is usually adequate.
Provide local ventilation for prolonged use in a confined area.

Eye protection: Safety goggles or safety glasses with side shields.

Skin protection: Use nitrile gloves and aprons as necessary to prevent contact. Do not use PVC, nylon or cotton.
Please note that in practice the working life of chemical resistant gloves may be considerably reduced as a result of many influencing factors (e.g. temperature). Suitable risk assessment should be carried out by the end user. If signs of wear and tear are noticed then the gloves should be replaced.

Respiratory protection: If inhalation risk exists, wear a respirator or air supplied mask complying with the requirements of AS/NZS 1715 and AS/NZS 1716.

Section 9. Physical and chemical properties

Appearance: colourless to yellowish liquid
Odor: irritating
Boiling point: > 100 °C (> 212 °F)
Flash point: 80 - 93 °C (176 - 199.4 °F)
(Tagliabue closed cup)
Vapor pressure: < 0.6 mbar
(; 25 °C (77 °F))
Vapor density: Approximate 3
Density: 1.1 g/cm³
Solubility in water: Polymerises in presence of water.
VOC content: < 3 %
(2010/75/EC)

Section 10. Stability and reactivity

Stability: Stable under normal conditions of temperature and pressure.

Conditions to avoid: Extremes of temperature.
Polymerizes on contact with moisture.

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| Incompatible materials: | Rapid exothermic polymerization will occur in the presence of water, amines, alkalis and alcohols. |
| Hazardous decomposition products: | In case of fire toxic gases can be released. carbon oxides. |
| Hazardous polymerization: | Rapid exothermic polymerization will occur in the presence of water, amines, alkalis and alcohols. |

Section 11. Toxicological information

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| Health Effects: | |
| Ingestion: | Not expected to be harmful by ingestion. Rapidly polymerizes (solidifies) and bonds in mouth. It is almost impossible to swallow. |
| Skin: | May cause skin irritation. Bonds skin in seconds. May cause skin sensitization. |
| Eyes: | May cause irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. |
| Inhalation: | May cause respiratory tract irritation. |
| Aggravated med. condition: | Pre-existing skin, eye and respiratory allergies. |
| Toxicity data: | No data available. |

Section 12. Ecological information

General ecological information: Do not empty into drains / surface water / ground water.

Bioaccumulative potential / Mobility in soil:

| Hazardous components CAS-No. | LogKow | Bioconcentration factor (BCF) | Exposure time | Species | Temperature | Method |
|-------------------------------------|--------|----------------------------------|------------------|---------|-------------|--------|
| Triethyl O-acetylcitrate 77-89-4 | 1.34 | | | | | |

Section 13. Disposal considerations

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| Waste disposal of product: | Cured adhesive: Dispose of as water insoluble non-toxic solid chemical in authorised landfill or incinerate under controlled conditions. |
| Disposal for uncleaned package: | Packaging that cannot be cleaned are to be disposed of in the same manner as the product. |

Section 14. Transport information

Road and Rail Transport:

Dangerous Goods information: Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

Marine transport IMDG:

Not dangerous goods

Air transport IATA:

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|----------------------------------|---|
| UN no.: | 3334 |
| Proper shipping name: | Aviation regulated liquid, n.o.s. (Cyanoacrylate ester) |
| Class or division: | 9 |
| Packing group: | III |
| Packing instructions (passenger) | 964 |
| Packing instructions (cargo) | 964 |
| Additional Information: | Primary packs containing less than 500ml are unregulated by this mode of transport and may be shipped unrestricted. |

Section 15. Regulatory information**SUSMP Poisons Schedule**

None

AICS:

All components are listed or are exempt from listing on the Australian Inventory of Chemical Substances (AICS).

Section 16. Other information**Abbreviations/acronyms:**

ADGC - Australian Dangerous Goods Code
IMDG: International Maritime Dangerous Goods code
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations

Reason for issue:

First issue. involved chapters: 1 - 16

Disclaimer:

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