

# LOCTITE

## SAFETY DATA SHEET

**Loctite Corporation**  
Environmental Health & Safety Affairs  
Health & Regulatory Affairs - Europe

**319**  
0150319 10.00 IE EN 24.07.2001 MSDS\_IE

This safety data sheet has been prepared in accordance with the requirements of EC Directive 88/379/EEC and 91/155/EEC (and other related directives) and provides information relating to the safe handling and use of the product.

### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Code</b>	0150319
<b>Trade Name</b>	319
<b>Manufacturer/Supplier</b>	Loctite Ireland
<b>Address</b>	Tallaght Business Park, Whitestown, Dublin 24.
<b>Phone Number</b>	353-1-4046444
<b>Fax Number</b>	353-1-4510806
<b>Emergency Phone Number</b>	+353-1-4599301/+353-87-2629625/+353-1-4046444

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Nature** Anaerobic adhesive.

#### Hazardous Components In Product for EC

Component Name	Concentration	R Phrases	Classification
Hydroxypropyl Methacrylate	20.00 - 40.00	R36, R43	XI
1-Acetyl-2-phenylhydrazine	0.10 - 1.00	R20/21/22, R40, R38, R43	Xn
Cumene Hydroperoxide 80%	0.10 - 2.00	R7, R21/22, R23, R34, R48/20/22, R51/53	O, T, N
Acrylic acid	1.00 - 3.00	R10, R21/22, R35, C, N R50	

### 3. HAZARD IDENTIFICATION

Irritating to eyes and skin. May cause sensitisation by skin contact.

### 4. FIRST AID MEASURES

#### First Aid - Inhalation

Should not be a problem as product is of low volatility. However, if feeling unwell remove patient to fresh air.

#### First Aid - Skin

Wash with plenty of soap and water. If irritation persists, seek medical advice.

#### First Aid - Eyes

Flush eyes with plenty of water for at least 15 minutes. If irritation persists seek medical attention.

#### First Aid - Ingestion

Rinse mouth with water then give plenty of water to drink. Do not induce vomiting.

### 5. FIRE FIGHTING MEASURES

Non flammable product (flash point is greater than 100°C (CC)). Trace amounts of toxic fumes may be released on incineration and the use of breathing apparatus is recommended. If product is involved in fire extinguish with dry powder, foam or carbon dioxide.

### 6. ACCIDENTAL RELEASE MEASURES

Ventilate area. For small spills wipe up with paper towel and place in container for disposal. For large spills absorb onto inert absorbent material and place in sealed container for disposal.

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**7. HANDLING AND STORAGE****Handling**

Avoid contact with skin and eyes. Prolonged or repeated skin contact should be avoided. Gloves and safety glasses should be worn.

**Storage**

Store in original containers at 8°C-21°C and do not return residual materials to containers as contamination may reduce the shelf life of the bulk product.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Occupational exposure limits****Acrylic acid**HSA (1999) C.O.P : OEL 10ppm (30mg/m<sup>3</sup>) 8h TWA.HSA (1999) C.O.P : OEL 20ppm (60mg/m<sup>3</sup>) 15 min exposure limit.

ACGIH: TLV 2ppm 8h TWA.

Good industrial hygiene practices should be observed. Safety glasses should be worn. In circumstances where there is a potential for prolonged or repeated skin contact, the use of polyvinyl chloride, polyethylene or nitrile rubber gauntlets or equivalent solvent resistant gloves is recommended.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State</b>	Liquid.
<b>Colour</b>	Amber.
<b>Odour</b>	Sharp. Acrylic.
<b>pH</b>	Not determined.
<b>Boiling Range/Point (°C)</b>	Not determined.
<b>Flash Point (CC) (°C)</b>	>100
<b>Specific Gravity</b>	1.05.
<b>Solubility in Water (kg/m<sup>3</sup>)</b>	Immiscible.
<b>Solubility in Acetone</b>	Partially soluble
<b>Vapour Pressure(mmHg @ 25°C)</b>	Less than 3 at 20 °C.
<b>Explosion Limits (%)</b>	Not determined.

**10. STABILITY AND REACTIVITY**

Non reactive to water. Non reactive to oxidising agents except for peroxides. Destabilised by reducing agents.

**11. TOXICOLOGICAL INFORMATION****Inhalation**

Due to the low volatility of the product there are no hazards associated with inhalation under normal conditions of use.

**Skin**

This product is classified as a skin irritant. May cause sensitisation by skin contact.

**Eyes**

This product is an irritant to the eyes.

**Ingestion**

This product is considered to be of low toxicity having an acute oral LD50 (rat) >5000mg/kg by

08/05 '02 MI 09:36 FAX +49 89 320 800 1609 TSI

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**11. TOXICOLOGICAL INFORMATION**

analogy to other similar products.

**12. ECOLOGICAL INFORMATION**

Does not contain substances listed on the Montreal protocol.

**13. DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local and national regulations. Incinerate or bury in legal landfill.

**14. TRANSPORT INFORMATION**

UN Number	None
AIR (IATA)	Not classified.
Sea (IMO)	Not classified.
Road (ADR)/Rail(RID)	Not classified.

**15. REGULATORY INFORMATION**

Contains	Hydroxypropyl Methacrylate
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Labelling  
Information

Irritant

**R phrases**R36/38 Irritating to eyes and skin.  
R43 May cause sensitisation by skin contact.**S phrases**S24 Avoid contact with skin.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S28 After contact with skin, wash immediately with plenty of soap and water.  
S37 Wear suitable gloves.**Voluntary Labelling**

N/A

**16. OTHER INFORMATION**

MSDS first issued	7 September 1995
MSDS data revised	24 July 2001

Further Information may be obtained from:-

Loctite Corporation,  
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Dublin 24,  
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Fax: +353-1-4510806.

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**16. OTHER INFORMATION**

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Senior HRA Specialist  
Health & Regulatory Affairs - Europe

The information in this safety data sheet was obtained from reputable sources and to the best of our knowledge is accurate and current at the mentioned date. Neither Loctite nor its subsidiary companies accept any liability arising out of the use of the information provided here or the use, application or processing of the product(s) described herein. Attention of users is drawn to the possible hazards from improper use of the product(s).

This safety data sheet was prepared in accordance with Commission Directive 98/98/EC adapting to technical progress for the 25th time Council Directive 67/548/EEC.

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