

This safety data sheet has been prepared in accordance with the requirements of EC Directives 1999/45/EC and 2001/58/EC and provides information relating to the safe handling and use of the product.

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**1. PRODUCT AND COMPANY INFORMATION**

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<b>Product Code</b>	0150319
<b>Trade Name</b>	319 Rear View Mirror Bonder
<b>Manufacturer/Supplier</b>	Henkel Loctite Adhesives Ltd.
<b>Address</b>	Watchmead, Welwyn Garden City, Herts., AL71JB. UK
<b>Phone Number</b>	01 707 358800
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**2. COMPOSITION / INFORMATION ON INGREDIENTS**

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**Nature** Anaerobic adhesive.

**Hazardous Components in Product for EC**

<b>Component Name</b>	<b>CAS / EINEC</b>	<b>Concentration</b>	<b>R Phrases</b>	<b>Classification</b>
Hydroxypropyl Methacrylate	27813-02-1	248- 20.00 - 40.00	R36, R43	Xi
1-Acetyl-2-phenylhydrazine	666-3 114-83-0	204- 0.10 - 1.00	R68/22, R21, R43	Xn
Cumene Hydroperoxide 80%	80-15-9	201- 0.10 - 1.00	R7, R21/22, R23, R34, R48/20/22, R51/53	O, T, N
Acrylic acid	79-10-7	201-177- 1.00 - 5.00	R10, R20/21/22, R35, R50	C, N

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**3. HAZARD IDENTIFICATION**

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Irritating to respiratory system and skin. Risk of serious damage to eyes. May cause sensitisation by skin contact.

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**4. FIRST AID MEASURES**

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**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.

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**5. FIRE FIGHTING MEASURES**

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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.

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**6. ACCIDENTAL RELEASE MEASURES**

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Ventilate area.

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**6. ACCIDENTAL RELEASE MEASURES**

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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**

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**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.  
Keep container tightly sealed.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**Occupational exposure limits****Acrylic acid**

HSA (2002).C.O.P.: OEL 10 ppm,(30 mg/m<sup>3</sup>) 8h TWA  
HSA (2002).C.O.P.: OEL 20 ppm,(60 mg/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 or nitrile rubber gauntlets or equivalent solvent resistant gloves is recommended.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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<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 g/ccm.
<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.

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**10. STABILITY AND REACTIVITY**

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

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**11. TOXICOLOGICAL INFORMATION**

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**Inhalation**

Irritating to respiratory system.

**Skin**

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

**11. TOXICOLOGICAL INFORMATION****Eyes**

This product may cause severe damage to the eyes.

**Ingestion**

May irritate the digestive tract. Ingestion of large quantities may cause damage to liver or kidneys.

**12. ECOLOGICAL INFORMATION**

The product should not go into drains or surface water.

**13. DISPOSAL CONSIDERATIONS**

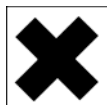
Dispose of in accordance with local and national regulations. Incinerate or bury in legal landfill.

**14. TRANSPORT INFORMATION**

<b>UN Number</b>	None
<b>Air (IATA)</b>	Not classified.
<b>Sea (IMO)</b>	Not classified.
<b>Road (ADR)/Rail (RID)</b>	Not classified.

**15. REGULATORY INFORMATION**

**Contains** Hydroxypropyl Methacrylate  
Acrylic acid.

**Labelling Information**

Irritant

**R phrases**

R37/38 Irritating to respiratory system and skin.  
R41 Risk of serious damage to eyes.  
R43 May cause sensitisation by skin contact.

**S phrases**

S24/25 Avoid contact with skin and eyes.  
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.  
S37/39 Wear suitable gloves and eye/face protection.

**Voluntary Labelling**

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**16. OTHER INFORMATION****MSDS data revised** 14 April 2003**Hazardous Components in Product for EC****Component Name**

Hydroxypropyl Methacrylate  
1-Acetyl-2-phenylhydrazine  
Cumene Hydroperoxide 80%

Acrylic acid

R10  
R20/21/22  
R21  
R21/22  
R23  
R34

R10 Flammable.  
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.  
R21 Harmful in contact with skin.  
R21/22 Harmful in contact with skin and if swallowed.  
R23 Toxic by inhalation.  
R34 Causes burns.

**R Phrases**

R36, R43  
R68/22, R21, R43  
R7, R21/22, R23,  
R34, R48/20/22,  
R51/53  
R10, R20/21/22,  
R35, R50

**Component Name**R35  
R36  
R43  
R48/20/22R50  
R51/53R68/22  
R7**R Phrases**R35 Causes severe burns.  
R36 Irritating to eyes.  
R43 May cause sensitisation by skin contact.  
R48/20/22 Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.  
R50 Very toxic to aquatic organisms.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R68/22 Harmful: possible risk of irreversible effects if swallowed.  
R7 May cause fire.

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This safety data sheet was prepared in accordance with Commission Directive 2001/59/EC adapting to technical progress for the 28th time Council Directive 67/548/EEC and Commission Directive 1999/45/EC.

Supersedes Safety Data Sheet No: 12 dated 29/10/02.