

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.

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**1. PRODUCT AND COMPANY INFORMATION**

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<b>Product Code</b>	0120638
<b>Trade Name</b>	638
<b>Manufacturer/Supplier</b>	Loctite UK
<b>Address</b>	Watchmead, Welwyn Garden City, Herts., AL71JB.
<b>Phone Number</b>	01 707 358800
<b>Fax Number</b>	01 707 358900
<b>Emergency Phone Number</b>	+353-1-4599301/+353-87-2629625/+353-1-4046444

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**2. COMPOSITION / INFORMATION ON INGREDIENTS**

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**Nature** Dimethacrylate urethane diol based sealant.

**Hazardous Components in Product for EC**

<b>Component Name</b>	<b>Concentration</b>	<b>R Phrases</b>	<b>Classification</b>
1-Acetyl-2-phenylhydrazine	0.10 - 1.00	R20/21/22, R40, R38, R43	Xn
Hydroxypropyl Methacrylate	15.00 - 30.00	R36, R43	Xi
Acrylic acid	5.00 - 10.00	R10, R21/22, R35, R50	C, N
Cumene Hydroperoxide 80%	1.00 - 3.00	R7, R21/22, R23, R34, R48/20/22, R51/53	O, T, N

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**3. HAZARD IDENTIFICATION**

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Irritating to eyes, respiratory system and skin. 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**

Immediately wash skin thoroughly with soap and water. Obtain medical attention.

**First Aid - Eyes**

Flush eyes immediately with plenty of water for at least 15 minutes. Seek medical attention immediately.

**First Aid - Ingestion**

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

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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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Avoid contact with skin and eyes and avoid inhalation of vapours. Wear protective clothing and suitable respiratory protection. Absorb spillage onto inert absorbent material and place in a

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**6. ACCIDENTAL RELEASE MEASURES**

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closed container, which should be partially filled (air space), for disposal.

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**7. HANDLING AND STORAGE**

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**Handling**

Wear suitable protective clothing, gloves and safety glasses. Loctite applicators are recommended to minimise skin contact, particularly where workers are handling sharp or threaded parts which might result in microlaceration of sensitive areas of the skin. Avoid contact with skin and eyes. Adequate ventilation is recommended to remove traces of odour.

**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.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**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.

Use of Loctite applicator equipment is recommended. Avoid contact with skin and eyes. Wear suitable protective clothing.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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<b>Physical State</b>	Liquid.
<b>Colour</b>	Green.
<b>Odour</b>	Sharp.
<b>pH</b>	Not applicable.
<b>Boiling Range/Point (°C)</b>	Not applicable.
<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>	Miscible
<b>Vapour Pressure (mmHg @25°C)</b>	Less than 3 at 20 °C.
<b>Explosion Limits (%)</b>	Not applicable.

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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**

Avoid inhalation of vapours. May cause irritation to respiratory system.

**Skin**

This material is both irritating and sensitising to skin.

In accordance with the 25th ATP to Directive 67/548/EEC this product should be classified as Corrosive to skin. However, it is currently undergoing 'a reconstituted human skin test', so until results are available the labelling is in accordance with Section 15 of this SDS.

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**11. TOXICOLOGICAL INFORMATION**

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**Eyes**

May cause irritation to the eyes.

**Ingestion**

This product is considered to be of low toxicity having an acute oral LD50 (rat) &gt;5000mg/kg by analogy to other similar products.

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**12. ECOLOGICAL INFORMATION**

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Precautions required with respect to Environmental Hazards of articles in which this product is used should be considered.

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**13. DISPOSAL CONSIDERATIONS**

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Dispose of in accordance with local and national regulations. Standard procedures for 'water insoluble' non-toxic chemicals recommended.

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**14. TRANSPORT INFORMATION**

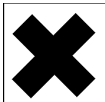
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<b>UN Number</b>	None
<b>Air (IATA)</b>	Not classified.
<b>Sea (IMO)</b>	Not classified.
<b>Road (ADR)/Rail (RID)</b>	Not classified.

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**15. REGULATORY INFORMATION**

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<b>Contains</b>	Acrylic acid. Hydroxypropyl Methacrylate and Cumene Hydroperoxide
<b>Labelling Information</b>	 Irritant
<b>R phrases</b>	R36/37/38 Irritating to eyes, respiratory system and skin. R43 May cause sensitisation by skin contact.
<b>S phrases</b>	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.
<b>Voluntary Labelling</b>	N/A

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**16. OTHER INFORMATION**

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<b>MSDS first issued</b>	26 July 1995
<b>MSDS data revised</b>	23 February 2001

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Further Information may be obtained from:-

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Tallaght Business Park,

**16. OTHER INFORMATION**

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