

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>	0128270
<b>Trade Name</b>	270
<b>Manufacturer/Supplier</b>	Henkel Loctite Adhesives Ltd.
<b>Address</b>	Watchmead, Welwyn Garden City, Herts., AL71JB. UK
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**2. COMPOSITION / INFORMATION ON INGREDIENTS**

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**Nature** Product based on polyethyleneglycol dimethacrylate.  
Anaerobic thread sealant.

**Hazardous Components in Product for EC**

<b>Component Name</b>	<b>CAS / EINEC</b>	<b>Concentration</b>	<b>R Phrases</b>	<b>Classification</b>
N,N-Diethyl-p-Toluidine	613-48-9 210-345-0	0.50 - 0.90	R23/24/25, R33	T
Cumene Hydroperoxide 80%	80-15-9 201-254-7	1.00 - 3.00	R7, R21/22, R23, R34, R48/20/22, R51/53	O, T, N
N,N-Dimethyl-o-Toluidine	609-72-3 210-199-8	0.10 - 0.30	R23/24/25, R33, R52/53	T

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**3. HAZARD IDENTIFICATION**

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Irritating to eyes and respiratory system.  
Prolonged contact with skin, particularly damaged skin, may cause sensitization or dermatitis in sensitive individuals.

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**4. FIRST AID MEASURES**

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**First Aid - Inhalation**

Remove affected person to fresh air.

**First Aid - Skin**

Wash skin with plenty of soap and water. Seek medical advice if you feel unwell.

**First Aid - Eyes**

Flush eyes immediately with plenty of water for at least 15 minutes. Seek medical advice if irritation develops.

**First Aid - Ingestion**

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

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**5. FIRE FIGHTING MEASURES**

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

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**6. ACCIDENTAL RELEASE MEASURES**

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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.

Wash spillage site thoroughly with soap and water or detergent solution.

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**7. HANDLING AND STORAGE**

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**Handling**

Use in a well ventilated area.

Avoid contact with skin and eyes.

**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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Good industrial hygiene practices should be observed.

Use in well ventilated area. Avoid contact with skin and eyes. In circumstances where there is a potential for prolonged or repeated skin contact, the use of disposable gloves (polyethylene, natural rubber or equivalent ester-resistant material) is recommended. Safety glasses should be worn.

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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>	Characteristic.
<b>pH</b>	3 - 6
<b>Boiling Range/Point (°C)</b>	No data.
<b>Flash Point (CC) (°C)</b>	>100
<b>Specific Gravity</b>	1.08.
<b>Solubility in Water (kg/m<sup>3</sup>)</b>	Immiscible.
<b>Solubility in Acetone</b>	Miscible
<b>Vapour Pressure (mmHg @25°C)</b>	<0.1
<b>Explosion Limits (%)</b>	No data.

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**10. STABILITY AND REACTIVITY**

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Non reactive to water.

Non reactive to oxidising agents except for peroxides.

Polymerisation may occur after some time in the absence of air and/or the presence of a metal; However, the product is adequately stabilised to ensure that premature polymerisation does not occur under normal conditions of use.

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**11. TOXICOLOGICAL INFORMATION**

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**Inhalation**

Irritating to respiratory system.

**Skin**

Although it is not a common sensitizer there may be a risk of sensitization on prolonged or

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**11. TOXICOLOGICAL INFORMATION**

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repeated contact with damaged skin.

**Eyes**

Irritating to the eyes.

**Ingestion**

May cause irritation to the digestive tract.

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**12. ECOLOGICAL INFORMATION**

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Keep away from drains and open waters.

There should be precautions taken against environmental damage caused by articles containing this product.

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**13. DISPOSAL CONSIDERATIONS**

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Dispose of in accordance with all applicable local and national regulations.

Contribution of this product to waste is very insignificant in comparison to article in which it is used.

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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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**Contains** N/A

**Labelling Information**



Irritant

**R phrases**

R36/37 Irritating to eyes and respiratory system.

**S phrases**

S25 Avoid contact with eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S51 Use only in well ventilated areas.

**Voluntary Labelling**

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**16. OTHER INFORMATION**

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**MSDS data revised** 13 May 2003

**Hazardous Components in Product for EC****Component Name**

N,N-Diethyl-p-Toluidine  
Cumene Hydroperoxide 80%

N,N-Dimethyl-o-Toluidine

R21/22  
R23  
R23/24/25  
R33  
R34  
R48/20/22

R21/22 Harmful in contact with skin and if swallowed.  
R23 Toxic by inhalation.  
R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.  
R33 Danger of cumulative effects.  
R34 Causes burns.  
R48/20/22 Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.

**R Phrases**

R23/24/25, R33  
R7, R21/22, R23,  
R34, R48/20/22,  
R51/53  
R23/24/25, R33,  
R52/53

**Component Name**

R51/53

R52/53

R7

**R Phrases**

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R7 May cause fire.

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