

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>	0128561
<b>Trade Name</b>	243
<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</b>	<b>EINEC</b>	<b>Concentration</b>	<b>R Phrases</b>	<b>Classification</b>
Maleic Acid	110-16-7	203-742-5	0.10 - 0.40	R22, R36/37/38	Xn
Cumene Hydroperoxide 80%	80-15-9	201-254-7	0.10 - 0.95	R7, R21/22, R23, R34, R48/20/22, R51/53	O, T, N
1-Acetyl-2-phenylhydrazine	114-83-0	204-055-3	0.10 - 0.30	R68/22, R21, R43	Xn

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**3. HAZARD IDENTIFICATION**

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This product is not classified as hazardous.

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**

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

**First Aid - Skin**

Wash skin with plenty of soap and water. Seek medical advice if irritation develops.

**First Aid - Eyes**

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

**First Aid - Ingestion**

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 well ventilated area. Avoid contact with skin and eyes.

Prolonged or repeated skin contact should be avoided to minimise any risk of sensitisation.

**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>	Blue. Opaque.
<b>Odour</b>	Characteristic.
<b>pH</b>	Not soluble in water.
<b>Boiling Range/Point (°C)</b>	> 150
<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>	N/A

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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**

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

**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**

May cause mild irritation 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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<b>Contains</b>	1-Acetyl-2-phenylhydrazine. May produce an allergic reaction
<b>Labelling Information</b>	
<b>R phrases</b>	None.
<b>S phrases</b>	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.
<b>Voluntary Labelling</b>	N/A

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**16. OTHER INFORMATION**

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**MSDS data revised** 30 April 2003

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

Maleic Acid  
Cumene Hydroperoxide 80%

1-Acetyl-2-phenylhydrazine

R21  
R21/22  
R22  
R23  
R34  
R36/37/38  
R43

R21 Harmful in contact with skin.  
R21/22 Harmful in contact with skin and if swallowed.  
R22 Harmful if swallowed.  
R23 Toxic by inhalation.  
R34 Causes burns.  
R36/37/38 Irritating to eyes, respiratory system and skin.  
R43 May cause sensitisation by skin contact.

**R Phrases**

R22, R36/37/38  
R7, R21/22, R23,  
R34, R48/20/22,  
R51/53  
R68/22, R21, R43

**Component Name**

R48/20/22

R51/53

R68/22

R7

**R Phrases**

R48/20/22 Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.

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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