



<b>Document number</b> 53419711-ENG-1	<b>First issued</b> 2004-03-25	<b>Revised date</b>	<b>Revision</b>	<b>Issued by</b> Staffan Königsson	<b>Page</b> 1 of 4
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## Loctite 243

### 1. Product and Company identification

<b>Trade Name:</b> Loctite 243	<b>Supplier:</b> ALFA LAVAL Tumba AB Hans Stahles väg	<b>Manufacturer:</b> Henkel Loctite Ireland Tallaght Business Park, Whitestown Dublin 24 Ireland
<b>Product Type:</b> Anaerob thread sealant	SE-147 80 Tumba Sweden Tel: +46 8 53 06 50 00	Phone No: 353-1-4046444
<b>Emergency number:</b> +353-1-4599301 / +353-87-2629625 / +353-1-4046444		

### 2. Composition and Information on the Components

See section 16 for explanation to R-phrases.

Hazardous ingredient	Weight-%	CAS No	EC No.	Classification
Maleic Acid	0.1 - 0.4	110-16-7	203-742-5	Xn R22, R36/37/38
Cumene Hydroperoxide 80%	0.1 - 0.95	80-15-9	201-254-7	O, T, N R7, R21/22, R23, R34, R48/20/22, R51/53
1-Acetyl-2-phenylhydrazine	0.1 - 0.3	114-83-0	204-055-3	Xn R68/22, R21, R43

### 3. Hazard Identification

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 Measurements

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 contact	Wash skin with plenty of soap and water. Seek medical advice if irritation develops.
First aid – Eye contact	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.

### 5. Fire Fighting Measurements

Extinguishing media	If product is involved in fire extinguish with dry powder, foam or carbon dioxide.
Special hazards of product	Non-flammable product (flash point is greater than 100°C. Trace amounts of toxic fumes may be released on incineration.
Protective equipment for fire fighting	Use of breathing apparatus is recommended.

### 6. Accidental Release Measures

Personal precautions	Ventilate area.
Spillage	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.

### 7. Handling and Storage

Handling	Use in well ventilated area. Avoid contact with skin and eyes. Prolonged or repeated skin contact should be avoided to minimize any risk of sensitization.
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 Control / Personal Protection

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

Physical State	Liquid.
Colour	Blue. Opaque.
Odour	Characteristic.
pH	Not soluble in water.
Boiling Range/Point (°C)	>150.
Flash Point (CC) (°C)	>100.
Specific Gravity	1.08.
Solubility in Water (kg/m <sup>3</sup> )	Immiscible.
Solubility in Acetone	Miscible.
Vapour Pressure (mmHg @ 25°C)	<0.1.
Explosion Limits (%)	N/A.

### 10. Stability and Reactivity

Stability	Non-reactive to water. Non-reactive to oxidizing agents except for peroxides. Polymerization may occur after some time in the absence of air and/or the presence of a metal. However, the product is adequately stabilized to ensure that premature polymerization does not occur under normal conditions of use.
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### 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	Although it is not a common sensitizer there may be a risk of sensitization on prolonged or repeated contact with damaged skin.
Eyes	May cause mild irritation to the eyes.
Ingestion	May cause irritation to the digestive tract.

### 12. Eco-toxicological Information

Keep away from drains and open waters. There should be precautions taken against environmental damage caused by articles containing this product.

### 13. Disposal

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

Not classified as dangerous goods with regards to transport regulations.

### 15. Regulatory Information

Contains	1-Acetyl-2-phenylhydrazine. May produce an allergic reaction.
Risk Phrases	None.
Safety Phrases	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.

### 16. Other Information

Full text of R-phrases appearing in section 2	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 sensitization by skin contact. 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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