

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>	0128242
<b>Trade Name</b>	242 (LOCK'N SEAL)
<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/+353-1-87-2629625/+353-1-4046444

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**2. COMPOSITION / INFORMATION ON INGREDIENTS**

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

**Hazardous Components in Product for EC**

<b>Component Name</b>	<b>Concentration</b>	<b>R Phrases</b>	<b>Classification</b>
N,N-Diethyl-p-Toluidine	0.10 - 0.80	R23/24/25, R33	T
Cumene Hydroperoxide	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 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**

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. 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)).

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. Wear protective clothing and suitable respiratory protection. Avoid contact with skin and eyes and avoid inhalation of vapours. Contain spillage, and absorb onto an inert absorbent such as sand or multisorb and place in a sealed container for supervised 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 eyes. Avoid prolonged breathing of vapours. Prolonged or repeated skin contact should be avoided.

**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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Use in well ventilated area. Do not breathe vapour. Wear suitable protective clothing. Use of Loctite applicator equipment is recommended.

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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>	Range between 3 to 6.
<b>Boiling Range/Point (°C)</b>	Not applicable.
<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>	Not applicable.

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**10. STABILITY AND REACTIVITY**

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The product is relatively stable under normal conditions of use. Reactive to strong oxidising agents and reducing agents. Non reactive to water. Polymerisation may occur after some time in the absence of air and/or the presence of a metal;

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**11. TOXICOLOGICAL INFORMATION**

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**Inhalation**

May cause irritation to respiratory system.

**Skin**

Acute dermal LD50 (rabbit) is estimated to be greater than 2000mg/kg. Although it is not a common sensitizer there may be a risk of sensitization on prolonged or repeated contact with damaged skin.

**Eyes**

Vapours may be irritating to eyes causing lachrymatory effect.

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**11. TOXICOLOGICAL INFORMATION**

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**Ingestion**

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

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**12. ECOLOGICAL INFORMATION**

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Keep away from drains and open waters.

Biodegradable product of low ecotoxicity.

Does not contain substances listed on the Montreal protocol.

Cured Loctite products are typical polymers and do not pose any immediate environmental hazards.

Biological and Chemical Oxygen Demands (BOD and COD) of cured Loctite products are insignificant.

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.

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

Regulations governing disposal of individual articles apply.

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**14. TRANSPORT INFORMATION**

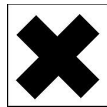
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<b>UN Number</b>	None.
<b>Air (IATA)</b>	Not classified.
<b>Sea (IMO)</b>	Not classified.
<b>Road (ADR)/Rail (RID)</b>	Not classified.

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**15. REGULATORY INFORMATION**

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**Contains****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**

N/A

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**16. OTHER INFORMATION**

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**MSDS first issued** 30 May 1996**MSDS data revised** 26 April 2000

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Health & Regulatory Affairs - Europe

Further Information may be obtained from:-

Loctite Corporation,

## 16. OTHER INFORMATION

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Whitestown,  
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Attention of users is drawn to the possible hazards from improper use of the product(s).

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