

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.

1. PRODUCT AND COMPANY INFORMATION

Product Code	0128242
Trade Name	242 (LOCK'N SEAL)
Manufacturer/Supplier	Henkel Loctite Adhesives Ltd.
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Nature Anaerobic thread sealant.
Product based on polyethyleneglycol dimethacrylate.

Hazardous Components in Product for EC

Component Name	EINECS	CAS	Concentration	R Phrases	Classification
N,N-Diethyl-p-Toluidine	210-345-0	613-48-9	0.10 - 0.80	R23/24/25, R33 T	
Cumene Hydroperoxide 80%	201-254-7	80-15-9	1.00 - 3.00	R7, R21/22, R23, O, T, N R34, R48/20/22, R51/53	

3. HAZARD IDENTIFICATION

Irritating to eyes and respiratory system.
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Prolonged contact with skin, particularly damaged skin, may cause sensitization or dermatitis in sensitive individuals.

4. FIRST AID MEASURES

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

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

5. FIRE FIGHTING MEASURES

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.

6. ACCIDENTAL RELEASE MEASURES

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.

7. HANDLING AND STORAGE

Handling

Use in a well ventilated area.

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.

8. EXPOSURE CONTROLS / 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid.
Colour	Blue. Opaque.
Odour	Characteristic.
pH	Range between 3 to 6.
Boiling Range/Point (°C)	Not applicable.
Flash Point (CC) (°C)	>100
Specific Gravity	1.08.
Solubility in Water (kg/m³)	Immiscible.
Solubility in Acetone	Miscible
Vapour Pressure (mmHg @25°C)	<0.1
Explosion Limits (%)	Not applicable.

10. STABILITY AND REACTIVITY

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.

11. TOXICOLOGICAL INFORMATION

Inhalation

Irritating to respiratory system.

Skin

Although it is not a common sensitizer there may be a risk of sensitization on prolonged or repeated contact with damaged skin.

11. TOXICOLOGICAL INFORMATION

Eyes

Irritating to the eyes.

Ingestion

May cause irritation to the digestive tract.

12. ECOLOGICAL INFORMATION

Keep away from drains and open waters.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. There should be precautions taken against environmental damage caused by articles containing this product.

13. DISPOSAL CONSIDERATIONS

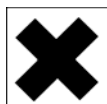
Dispose of in accordance with local and national regulations.

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

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

Contains**Labelling
Information**

Irritant

R phrasesR36/37 Irritating to eyes and respiratory system.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.**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.
S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.**Voluntary Labelling**

16. OTHER INFORMATION

MSDS data revised

14 April 2003

Hazardous Components in Product for EC**Component Name**N,N-Diethyl-p-Toluidine
Cumene Hydroperoxide 80%**R Phrases**R23/24/25, R33
R7, R21/22, R23,
R34, R48/20/22,
R51/53R21/22
R23
R23/24/25
R33
R34R21/22 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.

Component Name

R48/20/22

R51/53

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.

R7 May cause fire.

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