

# Material Safety Data Sheet

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Infosafe No.	ILO0B	Issue Date :	December 2000	RE-ISSUED by	LOCTITE
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Product Name : **LOCTITE 242 SUPER NUT LOCK LOCK NUT 242**

Classified as hazardous according to criteria of NOHSC

## COMPANY DETAILS

**Company Name** HENKEL AUSTRALIA PTY LTD  
**Address** 3 Endeavour Road Caringbah  
 NSW 2229  
**Emergency Tel.** See CONTACT POINT  
**Tel/Fax** Tel: (02) 9525 8366 Fax: (02) 9525 5643  
**Other Information** IMPORTANT NOTICE: This Material Safety Data Sheet (MSDS) is issued by Henkel Australia Pty Ltd in accordance with National Occupational Health and Safety Commission (NOHSC) guidelines. The information contained herein must not be altered, deleted or added to. Henkel Australia will issue new MSDSs when there is a change in product specifications and/or NOHSC guidelines/regulations. Henkel Australia has no objection to its MSDS being copied if: (a) the copy is made for safety related purposes; and (b) no alterations or amendments are made to the text or format of the MSDS. Henkel Australia does not guarantee the accuracy of any MSDS for our products which: (a) is not prepared by Henkel Australia; (b) is not authorised by Henkel Australia; (c) is not in the format originally supplied by Henkel Australia; or (d) has otherwise been amended or altered by a third party. Copyright [c] Henkel Australia Pty Ltd.

## IDENTIFICATION

**Product Name** LOCTITE 242 SUPER NUT LOCK LOCK NUT 242  
**Proper Shipping Name** None Allocated  
**Other Names**

Name	Product Code
SUPER NUT LOCK	24220 (10 ml)
SUPER NUT LOCK	24250 (50 ml)
SUPER NUT LOCK	24270 (250 ml)
LOCK NUT	LN1 (6ml)
LOCK NUT	LN2 (10ml)
SUPER NUT LOCK	24243 (1L)
THREADLOCKER 242	24205
THREADLOCKER 242	24231
THREADLOCKER 242	24241

**UN Number** None Allocated  
**DG Class** None Allocated  
**Packing Group** None Allocated  
**Hazchem Code** None Allocated  
**Poisons Schedule** Not Scheduled  
**Product Use** LOCK AND SEAL THREADED FASTENERS

## Physical Data

**Appearance** ANAEROBIC LIQUID, COLOUR BLUE.  
**Melting Point** not known  
**Boiling Point** not known  
**Vapour Pressure** < 0.1 mm of Hg at 25 °C  
**Specific Gravity** ( @ 20 °C): 1.08 (approx)  
**Flash Point** > 100 °C (COC)  
**Flamm. Limit LEL** not known  
**Explosion Data** not known

## Other Properties

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<b>Volatile Component</b>	none
<b>Autoignition Temp.</b>	not known
<b>Vapour Density</b>	not known
<b>pH Value</b>	3-6
<b>Form</b>	Liquid
<b>Decomposition Temperature</b>	not known
<b>Molecular Weight</b>	not known

## Ingredients

Ingredients	Name	CAS	Proportion
	POLYETHYLENE GLYCOL DIMETHACRYLATE		0-95 %
	POLYMER THICKENERS & PLASTICISERS		0-67 %
	SILICON BASED FILLERS & THICKENERS	68909-20-6	0-10 %
	SACCHARIN	81-07-2	0-5 %
	ORGANIC PEROXIDE	80-15-9	0-3.8 %
	N,N-DIALKYL TOLUIDINES		0-2 %
	INORGANIC PIGMENTS		0-1 %
	DYESTUFFS & STABILISERS		0-0.1 %
	IN PERCENTAGES BY WEIGHT LESS THAN SHOWN.		
	NOTE:THE ABOVE INGREDIENTS ARE PRESENT		

## HEALTH HAZARD INFORMATION

### Health Effects

<b>Acute - Swallowed</b>	Practically non-harmful. May cause irritation to mouth, throat and stomach.
<b>Acute - Eye</b>	A mild eye irritant.
<b>Acute - Skin</b>	Repeated or prolonged skin contact may lead to irritation. Repeated or prolonged skin contact may lead to dermatitic effects.
<b>Acute - Inhaled</b>	Product is classified as a respiratory irritant. Not normally an inhalation risk due to low vapour pressure at ambient temperatures.
<b>Chronic</b>	Repeated or prolonged skin contact can cause chronic dermatitis.

### First Aid

<b>Swallowed</b>	Give water or milk to drink. DO NOT induce vomiting. Seek medical advice if effects persist.
<b>Eye</b>	Remove contact lenses. Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek medical advice.
<b>Skin</b>	If irritation occurs seek medical advice. First rinse with plenty of water, then remove contaminated clothes, rinse again, Wash with plenty of soap and water.
<b>Inhaled</b>	Remove victim to fresh air. Recovery should be rapid after removal from exposure.
<b>First Aid Facilities</b>	Eyewash station and normal washroom facilities must be provided, and a safety shower is recommended.

### Advice to Doctor

<b>Advice to Doctor</b>	REFER TO TOXICITY DATA SECTION. CONTACT LOCTITE AUSTRALIA PTY. LTD.
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## Other Health Hazard Information

## PRECAUTIONS FOR USE

**Exposure Limits** Not applicable.  
TLV not established

**Eng. Controls** Use with adequate ventilation.

## Personal Protection

**Protective Equip.** Wearing of the following personal protective equipment is recommended. PVC or rubber gloves. Safety glasses.

## Flammability

**Fire Hazards** Will burn if involved in a fire but not considered to be a significant fire risk.

## SAFE HANDLING INFORMATION

### Storage and Transport

**Storage and Transport** No special precautions required. Store in cool place and out of direct sunlight.  
Store in original LOCTITE containers or approved applicators. Preferred storage temperature range is between +5°C to +28°C. Never return residual unused product to original container as such residue may have become contaminated (e.g. by metal contact) and could reduce the stability of the bulk material.  
I.A.T.A. Classification: Unrestricted.

**Other Storage Info.** LOCTITE CORPORATION produce a complete range of manual, semi-automatic and automatic applicators for production requirements. Applicators help to speed production, eliminate waste and simplify handling. An applicator should always be used where the process involves workers continually handling sharp threaded, serrated or rough cast materials which affect the sensitive areas of the hands.

**Proper Shipping Name** None Allocated

### Spills and Disposal

**Spills & Disposal** Wipe up residue with a cloth. Rinse with solvent. In event of large spill: Use absorbent (soil or sand, sawdust, inert material, vermiculite). Dispose of in normal industrial waste bin. Wash area down with detergent and excess water. Flush to sewer (if permitted by local regulations).

### Fire/Explosion Hazard

**Fire/Explos. Hazard** No unusual fire or explosion hazards. In case of fire in the surroundings: all extinguishing agents allowed. Extinguish fire with the following: Use carbon dioxide. Water.

**Hazardous Reaction** Very strong oxidisers e.g. high pressure OXYGEN may cause SPONTANEOUS COMBUSTION. Destabilised and solidified by reducing agents.

**Hazchem Code** None Allocated

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<b>Toxicology</b>	Toxicity: This product is not toxic and is not a common sensitizer (Guinea Pig Maximisation Test). However, caution should be exercised when fingers become damaged by swarf, lacerated or cut by sharp or serrated threaded components. An allergic reaction has been know to occur with these types of products when the skin is in such an abused condition. Never spread these products with the finger tips across sharp threaded components. Draize evaluation indicates these materials would be mild eye irritants. Aromatic amine contents in all cases are controlled below 1%. (These products have been judged to be non toxic materials and therefore free from all toxicant classification in Switzerland).
<b>Environ. Protection</b>	Avoid contaminating waterways.
<b>Risk Statement</b>	R36/37 Irritating to eyes and respiratory system.
<b>Safety Statement</b>	S2 Keep out of reach of children. S23 Do not breathe gas/fumes/vapour/spray S25 Avoid contact with eyes. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
<b>Hazard Category</b>	Irritant

## CONTACT POINT

<b>Contact</b>	Technical Services Manager: Gerard Buys (02)9525 8366 / 0411 659 002 ...End Of MSDS...
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