



# MATERIAL SAFETY DATA SHEET

## SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** LOCTITE 248 THREADLOCKER STICK MEDIUM STRENGTH

**Proper Shipping Name:** None allocated.

**Other Name(s):** THREADLOCKER 248-MEDIUM STRENGTH-STICK

**Product Code(s):** 525714, 525715

**Part Number(s):** 37772A (9 gram), 37773 (19 gram)

**Use:** Anaerobic adhesive.

**Supplier:** HENKEL AUSTRALIA PTY. LIMITED ABN 82 001 302 996  
TECHNOLOGIES  
135-141 Canterbury Road, Kilsyth, Victoria, 3137. Tel: (03) 9724 6444  
24 HOUR EMERGENCY CONTACT NUMBER Tel: (03) 9724 6556

## SECTION 2. HAZARDS IDENTIFICATION

**STATEMENT OF HAZARDOUS NATURE:**  
Hazardous according to the criteria of NOHSC. This material has been classified as Harmful (Xn) and Irritant (Xi).

**Risk phrase(s):**  
R20 Harmful by inhalation.  
R37/38 Irritating to respiratory system and skin.  
R41 Risk of serious eye damage.  
R43 May cause sensitisation by skin contact.

**Safety phrase(s):**  
S24/25 Avoid contact with skin and eyes.  
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 suds.  
S37 Wear suitable gloves.  
S46 If swallowed, seek medical advice immediately and show this container or label.

**DANGEROUS GOODS INFORMATION:**  
Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

**SUSDP POISON SCHEDULE:** None allocated.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### INGREDIENTS:

CHEMICAL ENTITY	CAS NO.	PROPORTION
Polyglycol dimethacrylate	[25852-47-5]	>60% w/w
Thixotropic agent	[proprietary]	10-30% w/w
Polyglycol dioctanoate	[18268-70-7]	1-5% w/w
Ethylene glycol	[107-21-1]	1-5% w/w
Cumene hydroperoxide	[80-15-9]	1-5% w/w
Other ingredients determined not to be hazardous		to 100%



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### SECTION 4. FIRST AID MEASURES

**Ingestion:** If swallowed, **do not induce** vomiting. For advice, contact a Poisons Information Centre (Phone 13 11 26) or a doctor.

**Skin:** Remove contaminated clothing and wash affected areas with plenty of water. If irritation occurs, seek medical attention.

**Eyes:** Hold eyes open and flush with water for at least 15 minutes. If irritation develops, seek medical attention.

**Inhalation:** If inhaled, remove from contaminated area. For all but the most minor symptoms, arrange for patient to be seen by a doctor.

**Advice to doctor:** Treat symptomatically.

**First Aid facilities:** Eye wash and normal washroom facilities.

### SECTION 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Use foam, dry chemical or carbon dioxide.

**Hazards from combustion products:** In a fire, it will burn. Under fire conditions, it will release oxides of carbon, oxides of nitrogen, oxides of sulphur and irritating fumes.

**Precautions for fire fighters and special protective equipment:** If there is a risk of exposure to products of combustion, fire-fighters should wear self-contained breathing apparatus.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Wear protective gloves and chemical goggles. Collect spillage and transfer to sealable containers suitable for storing spilled material. Flush areas in contact with spilled material with adequate warm soapy water to render the area safe for human contact. Note: Residues are slightly water soluble. Do not allow into watercourse. Dispose of solid residues in chemical waste disposal area in accordance with relevant State and Federal requirements.

### SECTION 7. HANDLING AND STORAGE

**Safe Handling:** Observe recommendations made under SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION. Use in a well ventilated area.

**Storage:** Store indoors in a cool, dry and well ventilated area. Keep containers sealed when not in use. Store in original containers away from heat, sparks and open flames. Store at or below 38°C.

### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**National exposure standards:** None established.

**Engineering controls:** None required under normal conditions of use.

**Personal protective equipment:** Avoid contact with skin and eyes. Wear neoprene or butyl rubber gloves and safety glasses with side shields. Use in a well ventilated area. If inhalation risk exists, wear a respirator complying with the requirements of AS 1715 and AS 1716.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**DATE OF ISSUE:**  
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04.07.06

**REVISION OF:** November 2003  
PRODUCT NAME:LOCTITE 248 THREADLOCKER STICK MEDIUM STRENGTH

**IDH NO:** -



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### Physical data:

Appearance: Blue solid.  
Specific gravity: 1.11  
Solubility: Slightly soluble in water

### SECTION 10. STABILITY AND REACTIVITY

**Chemical stability:** Stable under normal conditions of temperature and pressure.

**Conditions to avoid:** Open flames, sparks, strong heat.

**Incompatible materials:** Keep away from strong oxidising agents.

**Hazardous decomposition products:** Combustible solid. In a fire, it will release oxides of carbon oxides of nitrogen, oxides of sulphur and irritating fumes.

**Hazardous reactions:** Hazardous polymerisation will not occur.

### SECTION 11. TOXICOLOGICAL INFORMATION

#### HEALTH EFFECTS:

##### Acute:

Ingestion: If swallowed, may cause gastrointestinal irritation.

Skin: Irritating to skin. May cause sensitisation by skin contact.

Eyes: Contact with the eyes can cause severe irritation.

Inhalation: Inhalation of vapours may cause discomfort to the nasal passages.

**Chronic:** Repeated or prolonged skin contact may cause dermatitis.

**Toxicity information:** None available for this product.

### SECTION 12. ECOLOGICAL INFORMATION

Do not allow product to contaminate waterways or soil. This product may be harmful to aquatic organisms.

### SECTION 13. DISPOSAL CONSIDERATIONS

Keep unwanted material in sealed containers for disposal via chemical waste collections. Empty containers should be disposed of at an approved landfill site.

### SECTION 14. TRANSPORT INFORMATION

Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

### SECTION 15. REGULATORY INFORMATION

SUSDP POISON SCHEDULE: None allocated

### SECTION 16. OTHER INFORMATION



## MATERIAL SAFETY DATA SHEET

**Abbreviations/acronyms:**

NOHSC - National Occupational Health and Safety Commission  
SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons

**Reference(s):**

1. Henkel US. MSDS for LOCTITE 248 T/L, October, 2005

**DISCLAIMER:**

The percentage weight (% w/w) of ingredients is not to be taken as a specification guaranteed by Henkel Australia Pty. Limited, but only as an approximate guide to the content of hazardous ingredients in the material. The information contained herein does not constitute a guarantee by Henkel Australia Pty. Limited concerning the properties of the material.

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