

**HOLDIT[®]****MATERIAL SAFETY DATA SHEET****HOLDIT T77***Revised Date: June 2011*

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MODIFIED by HOLDTITE AUSTRALIA

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: HOLDIT T77

Other Names: T77 Studlock

Use: Large Diameter High Strength Threadlocker

Part Number: T77-10 (10ml), T77-50 (50ml), T77-250(250ml)

Supplier: Holdtite Australia Pty Ltd
Address: 21 Heath Street
Lonsdale, South Australia, 5160

Emergency Tel: +61 1300 552 680
Telephone: +61 8 8186 0844
Fax: +61 8 8186 0252

Emergency Contact Address: See Above Address

Other Information: The information below is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This Company shall not be held liable for any damage resulting from handling or from contact with the above product.

SECTION 2. HAZARDOUS IDENTIFICATION

Classified as hazardous according to criteria of NOHSC.

Hazard Category: Irritant

Risk Phrases: R36/38 Irritating to eyes, respiratory system and skin.
R43 May cause sensitization by skin contact

Safety Phrases: S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S27 Take off immediately all contaminated clothing.
S28 After contact with skin, wash immediately with plenty of water
S3/14 keep in a cool place.
S3/9/14 Keep in a cool, well ventilated place away from direct sunlight
S37 Wear suitable gloves
S37/39 Wear suitable gloves and eye/face protection
S39 Wear eye/face protection
S7 Keep container tightly closed
S9 Keep container in a well ventilated place

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SECTION 3. COMPOSITION/INFORMATION OF INGREDIENTS

Chemical Name	CAS No.	Percent %.	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Methacrylate Monomer	NDA-09-332	25852-47-5	50-55	n.e	n.e
Polyester Resin	NDA-09-152	Proprietary	30-50	n.e	n.e
Saccharin	NDA-09-150	81-07-2	2-5	n.e	n.e
Cumene Hydroperoxide	NDA-09-151	80-15-9	1-3	n.e	n.e

**The remaining components of this product are not considered hazardous substances or are below reportable levels under OSHA's Hazard Classification Standard (29 CFR 1910.1200).

SECTION 4. FIRST AID MEASURES

Eye Contact: *A primary route of exposure that will cause eye irritation on contact.*
FIRST AID: Flush eyes with generous amounts of water for 20-30 minutes, lifting both upper and lower eyelids occasionally. Get medical attention.

Skin Contact: *A primary route of exposure that may cause moderate skin irritation and allergic skin reaction. May cause rash, redness, swelling and blistering (symptoms may be delayed).*
FIRST AID: Thoroughly wash exposed area with soap and water. If irritation develops, seek medical attention. Launder clothing before reuse.

Inhalation: *As supplied; not a significant hazard. However vapours generated at elevated temperatures, may cause respiratory tract irritation. Symptoms may include coughing, mucous production and shortness of breath.*
FIRST AID: If overcome by exposure, victim should be removed to fresh air immediately. Give artificial respiration as needed. Get immediate medical attention.

Ingestion: *Ingestion may cause irritation of the gastrointestinal tract and depression of the central nervous system leading to loss of consciousness.*
FIRST AID: Do not induce vomiting. Immediately seek medical attention.

Chronic Effects: Material or its emissions may defat skin, cause contact dermatitis and thereby aggravate existing skin or systemic diseases.

SECTION 5. FIRE FIGHTING MEASURES

Flash Point: 160°C PMCC **Auto Ignition Temperature:** Not determined.

Flammability limits % in Air: LEL: not determined UEL: Not determined.

Extinguishing Media: Use carbon dioxide, foam, dry chemical and/or water spray.

Special Firefighting: Wear a NOISH approved self-contained breathing apparatus operated in pressure-demand or other positive pressure when fighting fires. Sealed containers may rupture explosively if exposed to heat.

Unusual Fire Hazards & Conditions to avoid: Combustion of product may produce oxides of carbon.

RECOMMENDED NFA/HMIS RATING

Health 2 **Flammability 1** **Reactivity 1** **Personal Protection C**

Note: ratings may differ according to application, environment, and physical state.

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SECTION 6. ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is spilled or released: Absorb material on inert filler, vermiculite, floor absorb or other absorbent material. Transfer to ventilated area and dispose of properly.

Waste Disposal Methods: Dispose of material in accordance with local, state and federal regulations.

Safe Handling & Storage: Avoid prolonged skin contact. Store product in a cool dry place.

Other precautions and special hazardous Information: This material contains inhibitors which upon depletion can result in an excessive thermal reaction.

SECTION 7. HANDLING AND STORAGE**Precautions for safe handling**

Refer to Section 8 of this MSDS.

Conditions for safe storage, including any incompatibilities

Keep only in the original container in a cool, well ventilated place.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: Not necessary with normal use.

Protective Gloves: Use vinyl or rubber gloves.

Eye Protection: Wear NIOSH approved safety goggles.

Ventilation used: Standard Exhaust.

Protective Clothing &

Equipment: Wear impervious clothing to prevent repeated, prolonged skin contact.

Hygienic Work Practices: Practice good hygiene, and wash hands after using this product.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: >200°C

Vapour Density: n.e Air=1

VOC: 10%

Vapour Pressure: n.e

Density of Coating:

Melting Point: n.a

Specific Gravity: >1.0 Water=1

Evaporation Rate: n.a

Water Reactive: no

Solubility in Water: Insoluble

Appearance: Red Translucent liquid

Odour: Cumene Odour.**SECTION 10. STABILITY AND REACTIVITY**

Stability: **Stable:** x **Unstable:**

Hazardous Polymerization: **May occur:** **will not occur:** x

Conditions to avoid: None.

Incompatibility: Avoid strong oxidizing agents and storage temperatures exceeding 48°C. Avoid exposure to steel or rust.

Hazardous Decomposition Products: Combustion yields oxides of carbon and possible toxic fumes.

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SECTION 11. TOXICOLOGY INFORMATION

Component	ORAL LD50	DERMAL LD50	INHALATION LC50
Methacrylate Monomer	Not Determined	Not Determined	Not Determined
Polyester Resin	Not Determined	Not Determined	Not Determined
Saccharin	Not Determined	Not Determined	Not Determined
Cumene Hydroperoxide	800-1600mg/Kg (Rat)	Severe Irritation(delayed)	700 ppm (Rat)

SECTION 12. ECOLOGICAL INFORMATION

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

SECTION 13. DISPOSAL CONSIDERATIONS

General Information Local and National regulations. This material and its container must be disposed of in a safe way.

SECTION 14. TRANSPORT INFORMATION

ADR/RID	The product is not classified as dangerous for carriage.
IMDG	The product is not classified as dangerous for carriage.
IATA	The product is not classified as dangerous for carriage.

SECTION 15. REGULATORY INFORMATION

None Allocated

SECTION 16. OTHER INFORMATION

Detaching this notification from the Material Safety Data Sheet is prohibited by law and any copying or distribution of same requires this attachment be included.

This products contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act 1986 and 40 CFR 372:

<u>CAS#</u>	<u>CHEMICAL NAME</u>	<u>% BY WEIGHT</u>
80-15-9	Cumene Hydroperoxide	1.49

This product contains the following materials that under California Proposition 65 of the Safe Drinking Water and Toxic Enforcement Act of 1986 are recognized to cause cancer or reproductive toxicity.

<u>Material</u>	<u>CAS #</u>	<u>Concentration</u>	<u>Cancer</u>	<u>Reproductive</u>
		<u>%</u>	<u>Agent</u>	<u>Toxin</u>
None				

CONTACT POINT

Technical Contact

Number: Head Office Tel: 1300 552 680

End of MSDS