



MATERIAL SAFETY DATA SHEET
T90 PENETRANT

Revised Date: January 2009

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Infosafe No: 5H00Q

Issue Date: June 2005

MODIFIED by HOLDTITE AUSTRALIA

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: HOLDTITE AUSTRALIA T90 PENETRANT

Other Names: T90

Use: Anaerobic Sealant

Part Number: T9010 (10mls), T9050(50mls), T90250(250mls)

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 Name: Harald Schaaf
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

<u>Ingredients</u>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>	<u>Hazard Symbol</u>	<u>Risk Phrase</u>
	Polyethylene Glycol Dimethacrylate 2-HYDROXYETHYL ACRYLATE	25852-47-5	50-70%	Xi	R36/37/38
	Cumene hydroperoxide	868-77-9	10-20%	Xi	R36/38, R43
		80-15-9	1-3%	C+, F	R11, R35

SECTION 4. FIRST AID MEASURES

Ingestion:	Rinse mouth thoroughly with water immediately. Seek medical advice.
Eye contact:	Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. In all case of eye contamination it is a sensible precaution to seek medical advice.
Skin contact:	Remove contaminated clothing and wash before re-use. Rinse and wash skin with water and soap.
Advice to Doctor:	Treat symptomatically

SECTION 5. FIRE FIGHTING MEASURES

Extinguishing Media:	Use suitable extinguishing media for the surrounding environment.
Fire/Exposure Hazards:	Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.
Hazchem Code:	None allocated

SECTION 6. ACCIDENTAL RELEASE MEASURES

Safety boots, gloves and chemical goggles are to be worn if a spill occurs and clean up is needed. For small spills, use a cloth to wipe up residue. For large spills, collect and contain spillage with inert absorbent materials (e.g. sand, earth). Transfer spilled materials to containers that are suitable for storing the spilled material. The areas that the spillage occurred should be adequately flushed with warm soapy water to render the area safe for human contact.



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SECTION 7. HANDLING AND STORAGE

Handling: Use in well ventilated area. Avoid breathing vapour. Observe recommendations in SECTION 8.

Storage: Holdtite T90 should be stored in a dry cool area, out of direct sunlight. Optimal Storage temperature: 8°C to 21°C. Stored correctly, this product has a 12 month shelf life from manufacture.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits: None established

Personal Protection: Avoid contact with eyes and skin. Wear PVC or rubber gloves and safety glasses. Use with adequate ventilation.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Green Liquid

Flash Point: 85 Deg C

Solubility in Water Slightly soluble

Density 1.06

Odour Perceptible Odour

Solubility in Organic Solvents Soluble in most organic solvents

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions of temperature and pressure

Conditions to Avoid: Open flames, sparks and strong heat.

Incompatible Materials: Keep away from strong oxidising agents, acids and alkalis. Strong reducing agents destabilize this product.

Hazardous Decomposition Products: Combustible liquid. Releases noxious fumes, oxides of nitrogen and oxides of carbon in a fire.

Hazardous Reactions: Hazardous polymerization will not occur



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SECTION 11. TOXICOLOGY INFORMATION

HEALTH EFFECTS

- Acute - Swallowed:** May cause irritation to mouth, throat and stomach.
- Acute – Eye** May be an eye irritant. May cause watering of eyes.
- Acute – Skin** Contact with skin may result in irritation.
- Acute – Inhaled** may cause irritation to the nose and throat

SECTION 12. ECOLOGICAL INFORMATION

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

SECTION 13. DISPOSAL CONSIDERATIONS

- Disposal** Follow state or local authority regulations and guidelines for disposal of the waste. Clean area with detergent and water. Do not allow product to enter drains, sewers or water courses – inform the local authorities if this occurs.
- Container Disposal** Dispose of as normal industrial waste

SECTION 14. TRANSPORT INFORMATION

Not classified as Dangerous Goods according to the ADG Code.

SECTION 15. REGULATORY INFORMATION

None Allocated.

SECTION 16. OTHER INFORMATION

Abbreviations/Acronyms

ADG Code – Australian Code for the Transport of Dangerous Goods by Road and Rail

NOHSC – National Occupational Health and Safety

TWA – Time-Weight Average

CONTACT POINT

Technical Contact

Numbers: Head Office Tel: 1300 552 680

Technical Contact Harald Schaaf

End of MSDS