MATERIAL SAFETY DATA SHEET
T72 THREADLOCKER

November 2009

MODIFIED by HOLDTITE AUSTRALIA

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **HOLDTITE AUSTRALIA T72**

Other Names: **T72 HIGH TEMP HIGH STRENGTH**

Use: **Locks nut or bolts up to 1½" in diameter in high temperature applications**

Part Number: **T72-10**(10mls), **T72-50**(50mls), **T72-250**(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
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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

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

CAS#	CHEMICAL NAME	% BY WEIGHT
80-15-9	Cumene Hydroperoxide	4%
107-21-1	Ethylene Glycol	

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

MATERIAL	CAS#	CONCENTRATION %	CANCER AGENT	REPRODUCTIVE TOXIN
Ethylene Glycol	107-21-1			

SECTION 3. COMPOSITION/INFORMATION OF INGREDIENTS

Ingredients

Name		CAS	Percent %	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDATED
Ethoxylated Bisphenol A Dimethacrylate	NDA-09-122	24448-20-2	30-40	n.e.	n.e	
Hydoxypropyl Methacrylate	NDA-09-235	27813-02-1	30-40	n.e	n.e	
N,N-m-Phenylene dimaleimide	NDA-09-132	3006-93-7	10-15	n.e	n.e	
Cumene Hydroperoxide	NDA-09-151	80-15-9	1-5	n.e	n.e	
Silica	NDA-09-101	112945-52-5	<2	20mppcf	10mg/m3	
Saccharin	NDA-09-150	81-07-2	<2	n.e	n.e	

SECTION 4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Immediately seek medical attention

Eye contact: flush eyes with generous amounts of water for 20-30 minutes, lifting both upper and lower eyelids often. Get medical attention of pain, blinking, tears or redness persist.

Skin contact: Thoroughly wash exposed area with soap and water. If sticky, use water-less cleaner first. Flush with luke warm water for 15 minutes. Remove contaminated clothing as needed.

Inhalation: Get immediate emergency medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Extinguishing Media: Use suitable extinguishing media for the surrounding environment. Water spray for cooling.

Fire/Exposure Hazards: Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.

Unusual Fire Hazards and Conditions To avoid: High temperatures, depletion of inhibitor, accidental impurities, exposure to radiation, oxidizers may cause spontaneous polymerization which can generate heat and pressure. Closed containers may rupture and explode during runaway polymerization.

SECTION 6. ACCIDENTIAL 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.

SECTION 7. HANDLING AND STORAGE

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

Storage: Holdtite 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 24 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:	Red Translucent Liquid		
Flash Point:	<200°C	**VOC#/gal.**	8.1%
Solubility in Water	Negligible		
Water Reactive	No		
Odour	Musty		
Specific Gravity	1.12 @ 25°C	**Water:**	1

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, free radical initiators, and inert gases.

Hazardous Decomposition Products: Combustible liquid. Acrid smoke, fumes of carbon monoxide may be released during a fire.

Hazardous Reactions: Hazardous polymerization may occur.

SECTION 11. TOXICOLOGY INFORMATION

HEALTH EFFECTS

Acute - Swallowed: An unlikely route of exposure. Ingestion may cause irritation of the gastrointestinal tract ad depression of the central nervous system leading to loss of consciousness.

Acute – Eye May be an eye irritant. May cause watering of eyes.

Acute – Skin Contact with skin may result in irritation.

Acute – Inhaled Not a significant route of exposure, though vapours which may be generated at high temperatures may cause respiratory tract irritation. Symptoms may include coughing, mucous production and shortness of breathe. If overcome by exposure, victim should be removed to fresh air immediately. Give artificial respiration as needed.

COMPONENT	Oral LD50	Dermal LD50	Inhalation LC50
Ethoxylated Bisphenol A Dimethacrylate	not determined	not determined	not determined
N,N-m-Phenylene dimaleimide	2025mg.kg (Rat)	not determined	not determined
Cumene Hydroperoxide	800-1600 mg/kg (Rat)	Severe irritation (delayed)	700 ppm (rat)
Silica	>10,000mg/kg (Rat)	not determined	not determined
Saccharin	not determined	not determined	not determined

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
Techincal Contact Harald Schaaf

End of MSDS