

**HOLDIT<sup>®</sup>****MATERIAL SAFETY DATA SHEET  
HOLDIT R62***Revised Date: June 2011*

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MODIFIED by HOLDTITE AUSTRALIA

**SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

**Product Name:** HOLDIT R62

**Other Names:** R62 Retainer

**Use:** High Temperature, High Strength Retaining Compound

**Part Number:** R62-10 (10ml), R62-50 (50ml), R62-250 (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
Hydroxypropal Methacrylate	NDA-10-235	27813-02-1	35-45	n.e.	n.e.
Aromatic Methacrylate Ester	NDA-10-480	24448-20-2	35-45	n.e.	n.e.
N,N-m-Phenyl Dimaleimide	NDA-10-132	3006-93-7	10-15	n.e.	n.e.
Silica	NDA-10-101	112945-52-5	1-3	6mg/m3	10mg/m3
Saccharin	NDA-10-150	81-07-2	<2	n.e.	n.e.
Cumene Hydroperoxide	NDA-10-151	80-15-9	<2	n.e.	n.e.

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

**SECTION 4. FIRST AID MEASURES**

**Eye Contact:** A primary route of exposure that will cause eye irritation characterized by excessive tearing, redness and blinking..

**FIRST AID:** Flush eyes with generous amounts of water for 15 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. Do not use organic solvents on skin. If irritation develops, seek medical attention. Launder clothing before reuse.

**Inhalation:** Not likely route of exposure.

**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.

**FIRST AID:** Do not induce vomiting. Immediately seek medical attention.

**Chronic Effects:** None known.

**Carcinogenic** Contains saccharin which has been determined to cause cancer in laboratory animals.

**SECTION 5. FIRE FIGHTING MEASURES**

**Flash Point:** 200°C TCC **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 and Nitrogen.

**RECOMMENDED NFA/HMIS RATING****Health 2****Flammability 1****Reactivity 1****Personal Protection B**

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:** >150°C

**Vapour Density:** >1 Air=1

**VOC:** 0.759

**Vapour Pressure:** <5 mmHg @ 25°C

**Density of Coating:**

**Melting Point:** n.a

**Specific Gravity:** ~1.1 Water=1

**Evaporation Rate:** n.a

**Water Reactive:** no

**Solubility in Water:** Slight

**Appearance:** Green liquid

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

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

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

**Conditions to avoid:** Avoid storage over 37°C, contamination with incompatible materials.

**Incompatibility:** Avoid contact with metal salts, heat, or amines.

**Hazardous Decomposition Products:** None known.

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**SECTION 11. TOXICOLOGY INFORMATION**

<b>Component</b>	<b>ORAL LD50</b>	<b>DERMAL LD50</b>	<b>INHALATION LC50</b>
Hydroxypropal Methacrylate	11,600 mg/kg (Rat)	Not Determined	Not Determined
Aromatic Methacrylate Ester	Not Determined	Not Determined	Not Determined
N,N-m-Phenyl Dimaleimide	Not Determined	Not Determined	Not Determined
Silica	Not Determined	Not Determined	Not Determined
Saccharin	>1,000 mg/kg (Rat)	>2,000 mg/kg (Rabbit)	Not Determined
Cumene Hydroperoxide	800-1,600 mg/kg (Rat)	Severe Irritation (delayed)	700pp. 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**

<b>ADR/RID</b>	The product is not classified as dangerous for carriage.
<b>IMDG</b>	The product is not classified as dangerous for carriage.
<b>IATA</b>	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	0.5-3
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 recognized to cause cancer or reproductive toxicity.

<u>Material</u>	<u>CAS #</u>	<u>Concentration %</u>	<u>Cancer Agent</u>	<u>Reproductive Toxin</u>
Ethylene Glycol	107-21-1			X

**CONTACT POINT****Technical Contact**

**Number:** Head Office Tel: 1300 552 680

\*\*End of MSDS\*\*