

**HOLDIT<sup>®</sup>****MATERIAL SAFETY DATA SHEET  
HOLDIT R60**

Revised Date: June 2011

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MODIFIED by HOLDTITE AUSTRALIA

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

**Product Name:** HOLDIT R60

**Other Names:** R60 Retainer

**Use:** Metal Fill Retainer

**Part Number:** R60-50 (50ml), R60-250 (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**

**2.1 Classification of the substrate or mixture**

**2.1.1 Classification –  
1999/45/EC** Xi; R36/37/38

**Main Hazards** Irritating to eyes, respiratory system and skin.

**SECTION 3. COMPOSITION/INFORMATION OF INGREDIENTS**

Chemical Name	Index No.	CAS No.	EINECS No.	REACH Registration Number	Conc. (% w/w)	Classification
2-Hydroxyethyl Methacrylate	607-124-00-X	868-77-9	212-782-2		50-60%	Xi;R36/38 R43
Cumene Hydroperoxide	617-002-00-8	80-15-9	201-254-7		0.5-1%	O;R7 T; R23 Xn; R21/22-48/20/22 C; R34 N; R51/53

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**SECTION 4. FIRST AID MEASURES****4.1 Description of first aid measures**

- Inhalation** Remove casualty from exposure ensuring one's own safety whilst doing so. Seek medical attention if irritation or symptoms persist.
- Eye Contact** Rinse immediately with plenty of water for 15 minutes holding eyelids open. Seek medical attention if irritation or symptoms persist.
- Skin Contact** Seek medical attention if irritation or symptoms persists. Wash off immediately with plenty of soap and water.
- Ingestion** DO NOT INDUCE VOMITING. Drink 1 or 2 glasses of water. Rinse mouth thoroughly. Seek medical attention.

**4.2 Most important symptoms and effects, both acute and delayed.**

- Inhalation** Irritating to respiratory system.
- Skin Contact** Rash. Sensitizer, skin.

**SECTION 5. FIRE FIGHTING MEASURES**

- 5.1 Extinguishing Media** Alcohol resistant foam. Carbon Dioxide (CO<sub>2</sub>). Dry Chemical.
- 5.2 Special Hazards arising from the substance or mixture** Burning produces irritating, toxic and obnoxious fumes. Carbon oxides. Cool fire exposed containers with waterspray.
- 5.3 Advice for firefighters** In case of fire and/or explosion do not breathe fumes. Wear: Protective equipment. Self contained breathing apparatus. Wear suitable respiratory equipment when necessary.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- 6.1 Personal precautions, protective equipment and emergency procedures.**  
Avoid contact with skin and eyes. Ensure adequate ventilation of the working area.
- 6.2 Environmental precautions**  
Do not empty into drains; dispose of this material and its container in a safe way.
- 6.3 Methods and material for containment and cleaning up**  
Absorb with inert, absorbent material. Transfer to suitable, labeled containers for disposal.

**SECTION 7. HANDLING AND STORAGE**

- 7.1 Precautions for safe handling**  
Use only in well ventilated areas. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke in areas this product is being used. Wash hands after handling the product.
- 7.2 Conditions for safe storage, including any incompatibilities**  
Keep only in the original container in a cool, well ventilated place.

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**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Eye/Face Protection:** Wear suitable protective clothing, gloves and eye/face protection.**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

<b>State:</b>	Gel
<b>Colour:</b>	Grey
<b>Odour:</b>	Characteristic

**SECTION 10. STABILITY AND REACTIVITY****Reactivity:** Peroxides**SECTION 11. TOXICOLOGY INFORMATION****11.1.4 Toxicological Information**

<b>Acrylated Adhesion Promoter</b>	<i>Dermal Rat LD50= 1,000</i>	
<b>p-Toluenesulfonyl Hydrazide</b>	<i>Oral Mouse LD50= 283</i>	
<b>Silicone Dioxide</b>	<i>Oral Rat LD50= 10,000</i>	<i>Dermal Rabbit LD50= 5,000</i>
<b>Triethyleneglycol Dimethacrylate</b>	<i>Dermal Rat LD50= &gt;5,000</i>	

**SECTION 12. ECOLOGICAL INFORMATION****Triethyleneglycol Dimethacrylate** *Fish LD50/96h= 16.4 mg/l***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.



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**SECTION 15. REGULATORY INFORMATION**

**Labeling  
Symbols**

Xi: Irritant



**Risk Phrases**

R36/37/38 – Irritating to eyes, respiratory system and skin.

R43 – May cause sensitization by skin contact.

**Safety Phrases**

S23 – do not breathe gas/fumes/vapour/spray

S24/25 – Avoid contact with skin and eyes.

S37 – Wear suitable gloves.

**SECTION 16. OTHER INFORMATION**

**Text of Risk Phrases in Section 3**

R21/22 – Harmful in contact with skin and if swallowed.

R23 – Toxic by inhalation.

R34 – Causes burns

R36/37/38 – Irritating to eyes, respiratory system and skin.

R36/38 – Irritating to eyes and skin.

R38 – Irritating to skin.

R41 – Risk of serious damage to eyes.

R43- May cause sensitization by skin contact.

R48/20/22 – Harmful – danger of serious damage to health by prolonged exposure through inhalation and if swallowed.

R51/53 – Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R7- May cause fire.

**CONTACT POINT**

**Technical Contact  
Number:**

Head Office Tel: 1300 552 680

\*\*End of MSDS\*\*