



**HOLDIT®**

**MATERIAL SAFETY DATA SHEET**

**HOLDIT G51**

*Revised Date: June 2011*

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MODIFIED by HOLDTITE AUSTRALIA

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

**Product Name:** HOLDIT G51

**Other Names:** G51 High Temperature Gasket

**Use:** Form-In-Place Gasket Maker.

**Part Number:** G51-50 (50ml), G51-250 (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**

This product contains the following hazardous Air Pollutants:  
1, 4-Benzenedioil (Hydroquinone) CAS: 123-31-9 <0.001% by wt.

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

Chemical Name	CAS No.	Percent %	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Poly Glycol Dimethacrylate	NDA-09-332	25852-47-5	35-45	n.e.	n.e.
Polyester Resin	NDA-09-120	Proprietary	15-20	n.e.	n.e.
Methacrylated Oligomer	NDA-09-569	Proprietary	5-10	n.e.	n.e.
Polyethylene Glycol Ester	NDA-09-149	Proprietary	5-10	n.e.	n.e.
Hydrophobic Silica	NDA-09-147	067762-90-7	5-15	n.e.	n.e.
Cumene Hydroperoxide	NDA-09-151	80-15-9	0.5-2	n.e.	n.e.

\*\* The remaining components of this products are not considered hazardous substances or are below reportable levels under Osier's Hazard Communication Standard (29 FR 1910-1200)

**SECTION 4. FIRST AID MEASURES**

<b>Eye Contact:</b>	<i>May cause severe irritation and damage.</i>
<b>FIRST AID:</b>	Flush eyes with generous amounts of water for 15 minutes, lifting both upper and lower eyelids occasionally. Get medical attention.
<b>Skin Contact:</b>	<i>Product is harmful to skin. May cause dermatitis with prolonged contact in sensitive individuals.</i>
<b>FIRST AID:</b>	Thoroughly wash exposed area with soap and water. If irritation develops, seek medical attention. Launder clothing before reuse.
<b>Inhalation:</b>	<i>Not likely route of exposure.</i>
<b>FIRST AID:</b>	If victim is overcome by exposure to vapours remove them to fresh air. Seek medical attention.
<b>Ingestion:</b>	<i>May cause slight irritation to mouth, throat and upper respiratory tract.</i>
<b>FIRST AID:</b>	Do not induce vomiting. Dilute by drinking plenty of water and seek medical attention.
<b>Chronic Effects:</b>	None known.
<b>Carcinogenic</b>	No.

**SECTION 5. FIRE FIGHTING MEASURES**

<b>Flash Point:</b> 93°C	PMCC	<b>Auto Ignition Temperature:</b>	Not determined.
<b>Flammability limits % in Air:</b>	LEL: not determined	UEL:	Not determined.
<b>Extinguishing Media:</b>	Use dry chemicals, foam, CO2, water and /or water fog.		
<b>Special Firefighting:</b>	Wear a NOISH approved self-contained breathing apparatus with full face piece operated in pressure-demand or other positive pressure mode when fighting fires. Cool fire exposed containers.		
<b>Unusual Fire Hazards &amp; Conditions to avoid:</b>	Containers may rupture due to exothermic polymerization under fire conditions. Water may cause material frothing.		

**RECOMMENDED NFA/HMIS RATING****Health 2                      Flammability 1                      Reactivity 1                      Personal Protection G***Note: ratings may differ according to application, environment, and physical state.***SECTION 6. ACCIDENTAL RELEASE MEASURES**

<b>Steps to be taken if material is spilled or released:</b>	Absorb material on inert filler, vermiculite, floor absorb or other absorbent material. Transfer to ventilated area and dispose of properly.
<b>Waste Disposal Methods:</b>	Dispose of material in accordance with local, state and federal regulations.
<b>Safe Handling &amp; Storage:</b>	Avoid prolonged skin contact. Store product in a cool dry place.
<b>Other precautions and special hazardous Information:</b>	This material contains inhibitors which upon depletion can result in an excessive thermal reaction.



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## SECTION 7. HANDLING AND STORAGE

### Precautions for safe handling

Refer to Section 8 of this MSDS.

### Conditions for safe storage, including any incompatibilities

Frost sensitive. Do not freeze. Store in a cool dry place.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Respiratory Protection:** If product is being used at excessive, elevated temperatures, wear NOISH approved respirator.

**Protective Gloves:** Use appropriate chemical resistant gloves: rubber or Nitrile.

**Eye Protection:** Wear approved safety goggles with side shields.

**Ventilation used:** Local Exhaust.

### Protective Clothing & Equipment:

If there is a chance of contact with clothing or large surface areas of skin, protective clothing should be used to prevent unnecessary exposure. Eye wash fountains and safety showers should be available for emergency use.

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

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** n.e

**Vapour Density:** n.e Air=1

**VOC #/gal:** 1.26

**Vapour Pressure:** n.e

**Density of Coating:** 9.174

**Melting Point:** n.e

**Specific Gravity:** 1.10 Water=1

**Evaporation Rate:** n.e

**Water Reactive:** no

**Solubility in Water:** Not soluble

**Appearance:** Thick Pink Paste.

**Odour:**

## SECTION 10. STABILITY AND REACTIVITY

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

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

**Conditions to avoid:** Avoid elevated temperatures above 37°C for prolonged periods. Removal of oxygen. Contamination.

**Incompatibility:** Polymerization initiators, strong alkalis and oxidizing or reducing agents, oxygen scavengers.

**Hazardous Decomposition Products:** Oxides of carbon.

## SECTION 11. TOXICOLOGY INFORMATION

Component	ORAL LD50	DERMAL LD50	INHALATION LC50
Poly Glycol Dimethacrylate	n.e	n.e	n.e
Polyester Resin	n.e	n.e	n.e
Methacrylated Oligomer	n.e	n.e	n.e
Polyethylene Glycol Ester	n.e	n.e	n.e
Hydrophobic Silica	<1,000 mg/kg (RAT)	>2,000 mg/kg (Rabbit)	
Cumene Hydroperoxide	n.e	n.e	n.e



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**SECTION 12. ECOLOGICAL INFORMATION**

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

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Steps to be taken if material is spilled or released.**

Dike or contain spill with inert materials and transfer liquid to containers for recovery or disposal. Avoid runoff into storm sewers or into waterways. Immediately extinguish all sources of ignition, flame, heat, etc. until area is free from explosive hazard. Absorb material in inter filler or floor absorb and transfer to a ventilated area for proper disposal.

**Waste Disposal Methods:**

Discharge, treatment, or disposal may be subject to national, state or local laws. Based on our knowledge of the product, its raw materials and processes employed during its manufacture, we believe it is unlikely that this product is hazardous waste for federal RCRA purposes. We recommend that you carry out your own tests and evaluations prior to discarding any materials.

**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	
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</u>	<u>Reproductive</u>
		<u>%</u>	<u>Agent</u>	<u>Toxin</u>
Ethylene Glycol	107-21-1			X

**CONTACT POINT**

**Technical Contact**

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

\*\*End of MSDS\*\*