

**HOLDIT[®]****MATERIAL SAFETY DATA SHEET
HOLDIT S57***Revised Date: June 2011*

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MODIFIED by HOLDTITE AUSTRALIA

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: HOLDIT S57

Other Names: S57

Use: Instant Pipe Seal with Teflon

Part Number: S57-50 (50ml), S57-250 (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

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	
Poly Glycol Dimethacrylate	CRM0104	25852-47-5	30-40	n.e.	n.e.	
Bisphenol-A A Fumarate Polyester	CRM0120	Proprietary	20-25	n.e.	n.e.	
Polymeric Plasticizer	CRM0395	Proprietary	10-15	n.e.	n.e.	
Titanium Dioxide	PMDT11	13463-67-7	10-15	15mg/m3	10 mg/m3	Total Dust
Polyethylene Homopolymer	CRM0207	9002-88-4	3-7	n.e.	n.e.	
Polytetrafluoroethylene	CRM0145	9002-84-0	3-7	15mg/m3	10 mg/m3	Total Dust
Saccharin	CRM0105	81-07-2	1-5	n.e.	n.e.	
Organic Peroxide	CRM0101	n.a.	1-2	n.e.	n.e.	
Treated Fumed Silica	CRM0102	67762-90-7	1-5	6mg/m3	10 mg/m3	

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 20-30 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. If irritation develops, seek medical attention. Launder clothing before reuse.

Inhalation: As supplied; not significant hazard. However vapours generated at elevated temperatures, may cause respiratory tract irritation. Symptoms may include coughing, mucous production and shortness of breath.

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 and depression of the central nervous system leading to loss of consciousness.

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

Chronic Effects: Material or its emissions may defat skin, cause contact dermatitis and thereby aggravate existing skin or systemic diseases.

Carcinogenic

SECTION 5. FIRE FIGHTING MEASURES

Flash Point: 200°C PMCC **Auto Ignition Temperature:** Not determined.

Flammability limits % in Air: LEL: not determined UEL: Not determined.

Extinguishing Media: Water spray, foam, dry chemical, or carbon dioxide.

Special Firefighting: 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.

Unusual Fire Hazards & None

Conditions to avoid:

RECOMMENDED NFA/HMIS RATING

Health 1

Flammability 1

Reactivity 0

Personal Protection C

Note: ratings may differ according to application, environment, and physical state.



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SECTION 6. ACCIDENTIAL 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

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

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: For normal use respiratory protection is not required.

Protective Gloves: Use rubber or latex gloves.

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

Ventilation used: Local 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: 148°C

Vapour Density: >1 Air=1

VOC #/gal:

Vapour Pressure: <5mm @ 26°C

Density of Coating:

Melting Point: n.a

Specific Gravity: ~1.15 Water=1

Evaporation Rate: n.a

Water Reactive: no

Solubility in Water: Slight

Appearance: White Paste.

Odour: Mild Odour

SECTION 10. STABILITY AND REACTIVITY

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

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

Conditions to avoid: Avoid elevated temperatures above 37°C, contamination with incompatible materials.

Incompatibility: Metals, salts, het and amines.

Hazardous Decomposition Products: None known.

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SECTION 11. TOXICOLOGY INFORMATION

Component	ORAL LD50	DERMAL LD50	INHALATION LC50
Poly Glycol Dimethacrylate	n.e	n.e	n.e
Bisphenol-A A Fumarate Polyester	n.e	n.e	n.e
Polymeric Plasticizer	<15,800 mg/kg (Rat)	>7,940 mg/kg (Rabbit)	n.e
Titanium Dioxide	<24,000 mg/kg (Rat)	>10,000 mg/kg (Rabbit)	6.82 mg/l (Rat)
Polyethylene Homopolymer	n.e	n.e	n.e
Polytefluoroethylene	n.e	n.e	n.e
Saccharin	n.e	n.e	n.e
Organic Peroxide	400-2,000mg/kg (Rat)	130-1,500 mg/kg (Rat)	220 ppm (Rat)
Treated Fumed Silica		n.e	n.e

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



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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	<1.5
98-82-8	Cumene	<0.1
98-86-2	Acetophenone	<0.05

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

CONTACT POINT

Technical Contact

Number: Head Office Tel: 1300 552 680

End of MSDS