



# eCopy

## PDF Cover Page

#Pages: 4

Date & Time Sent: 10/1/03 1:52:08 PM

---

This PDF file was created using the eCopy Suite of products. eCopy is the leading provider of products that convert paper documents into electronic files. Our products link with digital copiers and corporate email applications including Microsoft Exchange and Lotus Notes, enabling paper documents to move at the speed of the Internet.

For more information about how you can start eCopying paper documents please visit [www.ecopy.com](http://www.ecopy.com).

Thank you

**eCopy**

where paper is going.....

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: 567 Thread Sealant PST® Pipe Sealant  
 Pipe Sealant With Teflon(R) Hi Temp  
 Item No.: 56747  
 Product Type: Anaerobic

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Bisphenol A fumarate resin	39382-25-7	30-35
Polyglycol dimethacrylate	25852-47-5	20-25
Polyglycol laurate	9004-81-3	20-25
Poly(ethylene)	9002-88-4	5-10
Poly(tetrafluoroethylene)	9002-84-0	5-10
TITANIUM DIOXIDE	13463-67-7	3-5
CUMENE HYDROPEROXIDE*	80-15-9	1-3
N,N-Dialkyltoluidines	613-48-9	1-3
Saccharin	81-07-2	1-3
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	112945-52-5	1-3
Epoxy resin	25068-38-6	0.1-1

\* This component is listed as a SARA Section 313 Toxic Chemical.

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
Poly(tetrafluoroethylene)	None	None	AEL (DuPont) 5mg/m3 8hr dust
TITANIUM DIOXIDE	10 mg/m3	15 mg/m3 Total dust	None
CUMENE HYDROPEROXIDE	None	None	1ppm (6mg/m3) Skin (WEEL)
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	10 mg/m3 TWA	6 mg/m3 TWA	3 mg/m3 TWA resp. dust

  

Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)

3. HAZARDS IDENTIFICATION

Toxicity: Moderate eye irritant.  
 Primary Routes of Entry: None known  
 Signs and Symptoms of Exposure: May cause dermatitis on prolonged contact in sensitive individuals  
 Existing Conditions Aggravated by Exposure: None known

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
Bisphenol A fumarate resin	ALG IRR	NO	NO	NO
Polyglycol dimethacrylate	ALG IRR	NO	NO	NO
Polyglycol laurate	ALG	NO	NO	NO
Poly(ethylene)	NTO	NO	N/A	NO
Poly(tetrafluoroethylene)	NTO	NO	N/A	NO
TITANIUM DIOXIDE	IRR RES	NO	NO	NO
CUMENE HYDROPEROXIDE	ALG CNS COR IRR MUT	NO	NO	NO
N,N-Dialkyltoluidines	NTO	NO	NO	NO
Saccharin	NTO	NO	N/A	NO
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	NUI	NO	N/A	NO
Epoxy resin	ALG IRR	NO	NO	NO

Abbreviations

N/A Not Applicable  
 CNS Central nervous system  
 IRR Irritant  
 NTO No Target Organs  
 RES Respiratory  
 ALG Allergen  
 COR Corrosive  
 MUT Mutagen  
 NUI Nuisance dust

MATERIAL SAFETY DATA SHEET

Page 2 of 3

Product Name: 567 Thread Sealant PST® Pipe Sealant  
Item No.: Pipe Sealant With Teflon(R) Hi Temp  
56747

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Keep individual calm.  
Obtain medical attention.  
Inhalation: Does not apply  
Skin Contact: Wash with soap and water.  
Eye Contact: Flush at least 15 minutes with water. Obtain  
medical attention.

5. FIRE FIGHTING MEASURES

Flash Point: More than 200°F Method: Tag Closed Cup  
Recommended Extinguishing Agents: Carbon dioxide, foam, dry chemical  
Special Firefighting Procedures: Not available  
Hazardous Products formed by Fire or Thermal Decomp: Irritating organic vapors  
Unusual Fire or Explosion Hazards: None  
Explosive Limits:  
(% by volume in air) Lower Not available  
(% by volume in air) Upper Not available

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case of spill or leak: Soak up in an inert absorbent. Store in a partly  
filled, closed container until disposal.

7. HANDLING AND STORAGE

Safe Storage: Store below 100°F  
(Contact Loctite Customer Service 1-800-243-4874 for shelf life information)  
Handling: Avoid prolonged skin contact. Keep away from eyes.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles.  
Skin: Rubber or plastic gloves.  
Ventilation: Does not apply  
Respiratory: NIOSH approved respirator if ventilation is  
inadequate.  
See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White paste  
Odor: Mild  
Boiling Point: More than 300°F  
pH: Does not apply  
Solubility in Water: Slight  
Specific Gravity: 1.14 at 80°F  
Volatile Organic Compound (EPA Method 24) 8.6%; 98.04 grams per liter  
Vapor Pressure: Less than 5mm at 80°F  
Vapor Density: Not available  
Evaporation Rate (Ether = 1) Not available

10. STABILITY AND REACTIVITY

Stability: Stable  
Hazardous Polymerization: Will not occur  
Incompatibility: None  
Conditions to Avoid: Not available  
Hazardous Decomposition Products (non-thermal): None

11. TOXICOLOGICAL INFORMATION

Oral LD50 greater than 10,000 mg/kg.  
Estimated dermal LD50 greater than 2000 mg/kg.

12. ECOLOGICAL INFORMATION

No data available

MATERIAL SAFETY DATA SHEET

Page 3 of 3

Product Name: 567 Thread Sealant PST® Pipe Sealant  
Item No.: Pipe Sealant With Teflon(R) Hi Temp  
56747

13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: Incinerate following EPA and local regulations.  
EPA Hazardous Waste Number NH - Not a RCRA Hazardous Waste Material

14. TRANSPORTATION INFORMATION

DOT (49 CFR 172)  
Domestic Ground Transport  
Proper Shipping Name: Unrestricted  
Hazard Class or Division: Unrestricted  
Identification Number: None  
Marine Pollutant: None  
IATA  
Proper Shipping Name: Unrestricted  
Class or Division: Unrestricted  
UN or ID Number: None

15. REGULATORY INFORMATION

CA Proposition 65: WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. 1,4-dioxane, benzene, acetaldehyde, ethylene oxide, o-toluidine

16. OTHER INFORMATION

Estimated NFPA(R) Code:  
Health Hazard: 1  
Fire Hazard: 1  
Reactivity Hazard: 1  
Specific Hazard: Does not apply

Estimated HMIS(R) Code:  
Health Hazard: 1\*  
Flammability Hazard: 1  
Reactivity Hazards: 1  
Personal Protection: See Section 8.

NFPA is a registered trademark of the National Fire Protection Assn.  
HMIS is a registered trademark of the National Paint and Coatings Assn.

Prepared By: Stephen Repetto  
Title: Senior Regulatory Specialist, Health & Regulatory  
Company: Henkel Loctite Corporation, Rocky Hill CT 06067  
(24hr.) Phone: (860) 571-5100  
Revision Date: March 03, 2003 Revision: 0035