

MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

Product Name: Neolube Pipe Thread Sealant
Item Number: No. 100
Product Type: Anaerobic Sealant

2. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	CAS#	PERCENT	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Bisphenol A Fumarate Resin	39382-25-7	30-60	None	None	None	None
Polyglycol Dimethacrylate	25852-47-5	10-30	None	None	None	None
Polyglycol Laurate	9004-81-3	10-30	None	None	None	None
Polyethylene Glycol Monococoate	61791-29-5	10-30	None	None	None	None
Titanium dioxide	13463-67-7	1-5	10 mg/m ³ TWA	15 mg/m ³ TWA	None	None
Silica, amorphous, fumed, crystal-free	112945-52-5	1-5	10 mg/m ³ TWA Inhalable dust 3 mg/m ³ TWA Respirable Fraction 6 mg/m ³ TWA	Total Dust 20 MPPCF TWA 0.8 mg/m ³ TWA	None	None

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

HMIS

Physical State: Paste	Health: 2*
Color: White	Flammability: 1
Odor: Mild	Physical Hazard: 1
	Personal Protection: See MSDS Section 8

WARNING: MAY CAUSE ALLERGIC SKIN REACTION.
MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.
MAY BE HARMFUL IF SWALLOWED.

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects

Inhalation: May cause respiratory tract irritation.
Skin Contact: May cause skin irritation. May cause allergic skin reaction.
Eye Contact: May cause irritation.
Ingestion: May be harmful if swallowed.

Existing conditions aggravated by exposure: Eye, skin and respiratory disorders.

See Section 11 for additional toxicological information.

4. FIRST AID MEASURES

Inhalation: Remove to fresh air. If symptoms develop and persist, get medical attention.
Skin Contact: Wash with soap and water. Remove contaminated clothing and footwear. Wash clothing before reuse. If symptoms develop and persist, get medical attention.
Eye Contact: Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. Get medical attention.
Ingestion: Do not induce vomiting. Keep individual calm. Get medical attention.

5. FIRE FIGHTING MEASURES

Flash Point: >93.3°C (>199.94°F) Tagliabue Closed Cup
Autoignition Temperature: Not Available
Flammable/Explosive Limits- Lower %: Not Available
Flammable/Explosive Limits- Upper %: Not Available
Extinguishing Media: Foam, dry chemical or carbon dioxide .
Special Fire Fighting Procedures: Wear self-contained breathing apparatus and full protective clothing, such as turn-out-gear.
Unusual Fire or Explosion Hazards: None
Hazardous Combustion Products: Oxides of carbon. Oxides of sulfur. Oxides of nitrogen. Irritating organic vapors.

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental Precautions: Do not allow product to enter sewer or waterways.
Clean-Up Methods: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Store in a partly filled, closed container until disposal.

7. HANDLING AND STORAGE

Handling: Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Use only with adequate ventilation.
Storage: For safe storage, store at or below 38°C (100.4°F). Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.
Incompatible Products: Refer to Section 10.
For information on product shelf life contact Huron Industries, Inc. at 810-984-4213

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Engineering Controls: No specific ventilation requirements noted, but forced ventilation may still be required if concentrations exceed occupational exposure limits.
Respiratory Protection: Use NIOSH approved air-purifying respirator with an organic vapor cartridge.
Skin Protection: Use impermeable gloves and protective clothing as necessary to prevent skin contact.
Eye/Face Protection: Safety goggles or safety glasses with side shields.
See Section 2 for exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Paste	Color:	White
Odor:	Mild	Vapor Pressure:	<5 mm Hg at 27°C (80.6°F)
pH:	Not Applicable	Boiling Point/Range:	>149°C (300.2°F)
Melting Point/Range:	Not Available	Specific Gravity:	1.08
Vapor Density:	Not Available	Evaporation Rate:	Not Available
Solubility in Water:	Slight	VOC Content:	0.142%; 1.36 g/l
Odor Threshold:	Not Available	Partition Coefficient (n-octanol/water):	Not Available

10. STABILITY AND REACTIVITY

Stability: Stable

Hazardous Polymerization: Will Not Occur.

Hazardous Decomposition Products: Oxides of carbon, Oxides of sulfur, Oxides of nitrogen. Irritating organic vapors. Phenolics.

Incompatibility: Strong acids and oxidizing agents. Strong reducing agents. Strong alkalis. Cooper Iron. Rust. Aluminum. Zinc. Oxygen scavengers.

Conditions to Avoid: See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10).

11. TOXICOLOGICAL INFORMATION

Acute Oral Product Toxicity: LD50 (rat) >5,000 mg/kg (Estimated)

Acute Dermal Product Toxicity: LD50 (rabbit) >2,000 mg/kg (Estimated)

Carcinogen Status

Hazardous Components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Bisphenol A Fumarate Resin	No	No	No
Polyglycol Dimethacrylate	No	No	No
Polyglycol Laurate	No	No	No
Polyethylene Glycol Monococoate	No	No	No
Titanium dioxide	No	Group 2B	No
Silica, amorphous, fumed, crystal-free	No	No	No

Hazardous Components	Health Effects/Target Organs
Bisphenol A Fumarate Resin	Irritant, Allergen
Polyglycol Dimethacrylate	Irritant, Allergen
Polyglycol Laurate	Allergen, Irritant
Polyethylene Glycol Monococoate	No Target Organs
Titanium dioxide	Irritant, Respiratory
Silica, amorphous, fumed, crystal-free	Nuisance dust

12. ECOLOGICAL INFORMATION

Ecological Information: Not Available

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended Method of Disposal: Follow all local, state, federal and provincial regulations for disposal.

EPA Hazardous Waste Number: Not a RCRA Hazardous Waste.

14. TRANSPORT INFORMATION

U.S. Dept. of Transportation Ground (49 CFR)/International Air Transportation (ICAO/IATA)/Water Transportation (IMO/IMDG):

Proper Shipping Name:	Unrestricted	Hazard Class or Division:	None
Identification Number:	None	Packing Group:	None
Marine Pollutant:	None		

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

TSCA 12 (b) Export Notification: None above reporting de minimus

CERCLA/SARA Section 302 EHS: None above reporting de minimus.

CERCLA/SARA Section 311/312: Immediate Health Hazard, Delayed Health

CERCLA/SARA 313: None above reporting de minimus.

California Proposition 65: This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Canada Regulatory Information

CEPA DSL/NDL Status: All components are listed on or are exempt from listing on the Domestic Substances List.

WHMIS Hazard Class: D.2.A, D.2.B

16. OTHER INFORMATION

THIS DATA IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE. N/E = NOT ESTABLISHED, N/A = NOT APPLICABLE

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