

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** NEOLUBE® NO. 100  
**Product Type:** Anaerobic Pipe Thread Sealant  
**Restriction of Use:** Not recommended for use on plastic piping  
**Region:** United States  
**Company Name:** Huron Industries, Inc.  
**Company Address:** 2301 16<sup>th</sup> Street, Port Huron, MI 48060  
**Company Phone:** 810-984-4213  
**Company Fax:** 810-987-4199  
**Company E-mail:** neolube@comcast.net  
**Emergency Response:** INFOTRAC: 800-535-5053 DOMESTIC (HURON 89770)  
 INFOTRAC: +1-352-323-3500 INTERNATIONAL (HURON 89770)

## 2. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

**WARNING:** CAUSES SKIN IRRITATION.  
 MAY CAUSE AN ALLERGIC SKIN REACTION.  
 CAUSES SERIOUS EYE IRRITATION.

HAZARD CLASS	HAZARD CATEGORY
SKIN IRRITATION	2
EYE IRRITATION	2A
SKIN SENSITIZATION	1

### PICTOGRAM(S)



### Precautionary Statements

**Prevention:** Avoid breathing dust or fumes. Wash affected area thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, eye protection, and face protection.

**Response:** IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing.

**Storage:** Not prescribed

**Disposal:** Dispose of contents and/or container according to Federal, State/Provincial, and local governmental regulations.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

**See Section 11 for additional toxicological information.**

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CAS Number	Percentage*
Polyvalcol dimethacrylate	25852-47-5	20 - 30
Silica, amorphous, fumed, crystal-free	112945-52-5	1 - 5
Titanium dioxide	13463-67-7	1 - 5
Cumene hydroperoxide	80-15-9	0.1 - 1
Ethylene glycol	107-21-1	0.1 - 1
Cumene	98-82-8	0.1 - 1

\* Exact percentage is a trade secret. Concentration range is provided to assist users in providing appropriate protections.

### 4. FIRST AID MEASURES

- Inhalation:** Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
- Skin contact:** Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and footwear. Wash clothing before reuse. Get medical attention.
- Eye contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
- Ingestion:** DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.
- Symptoms:** See Section 11.

### 5. FIRE FIGHTING MEASURES

- Extinguishing media:** Water spray (fog), foam, dry chemical or carbon dioxide.
- Special firefighting procedures:** Wear self-contained breathing apparatus and full protective clothing, such as, turnout gear. In case of fire, keep containers cool with water spray.
- Unusual fire or explosion hazards:** Uncontrolled polymerization may occur at high temperatures resulting in explosions or rupture of storage containers.
- Hazardous combustion products:** Oxides of carbon. Oxides of sulfur. Oxides of nitrogen. Irritating organic vapors. Phenolics.

### 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:** Remove all sources of ignition. Evacuate and ventilate spill area; dike spill to prevent entry into water system; wear full protective equipment during clean-up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Scrape up as much material as possible. Store in a partly filled, closed container until disposal. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up.

## 7. HANDLING AND STORAGE

**Handling:** Use only with adequate ventilation. Prevent contact with eyes, skin, and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Keep container closed. Refer to Section 8.

**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.

## 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.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Polyglycol dimethacrylate	None	None	None	None
Silica, amorphous, fumed, crystal-free	10 mg/m <sup>3</sup> TWA Inhalable dust. 3 mg/m <sup>3</sup> TWA Respirable fraction.	20 MPPCF TWA 0.8 mg/m <sup>3</sup> TWA	None	None
Titanium dioxide	10 mg/m <sup>3</sup> TWA	15 mg/m <sup>3</sup> PEL Total dust.	None	None
Cumene hydroperoxide	None	None	1 ppm (6 mg/m <sup>3</sup> ) TWA (SKIN)	None
Ethylene glycol	100 mg/m <sup>3</sup> Ceiling Aerosol.	None	None	None
Cumene	50 ppm TWA	50 ppm (245 mg/m <sup>3</sup> ) PEL (SKIN)	None	None

**Engineering controls:** Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

**Respiratory protection:** Use NIOSH approved respirator if there is potential to exceed exposure limit(s).

**Eye/face protection:** Safety goggles or safety glasses with side shields. Full-face protection should be used if the potential for splashing or spraying of product exists. Safety showers and eyewash stations should be available.

**Skin protection:** Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact. Neoprene gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Paste
<b>Color:</b>	White
<b>Odor:</b>	Mild
<b>Odor threshold:</b>	Not available.
<b>pH:</b>	Not applicable
<b>Vapor pressure:</b>	< 5 mm hg (27 °C (80.6 °F))
<b>Boiling point/range:</b>	> 149 °C (> 300.2 °F)
<b>Melting point/ range:</b>	Not available.
<b>Specific gravity:</b>	1.08
<b>Vapor density:</b>	Not available.
<b>Flash point:</b>	> 93.3 °C (> 199.94 °F) Tagliabue closed cup
<b>Flammable/Explosive limits - lower:</b>	Not available.

**Flammable/Explosive limits - upper:** Not available.  
**Autoignition temperature:** Not available.  
**Flammability:** Not Applicable  
**Evaporation rate:** Not available.  
**Solubility in water:** Slight  
**Partition coefficient (n-octanol/water):** Not available.  
**VOC content:** 0.14 %; 1.36 g/l  
**Viscosity:** Not available.  
**Decomposition temperature:** Not available.

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions of storage and use.

**Hazardous reactions:** None under normal processing. Polymerization may occur at elevated temperature or in the presence of incompatible materials.

**Hazardous decomposition products:** Oxides of carbon. Oxides of sulfur. Oxides of nitrogen. Irritating organic vapors. Phenolics

**Incompatible materials:** Strong acids and oxidizing agents. Strong reducing agents. Strong alkalis. Copper. Iron. Rust. Aluminum. Zinc. Oxygen scavengers.

**Reactivity:** Not available.

**Conditions to avoid:** Elevated temperatures. Heat, flames, sparks and other sources of ignition. Store away from incompatible materials.

## 11. TOXICOLOGICAL INFORMATION

**Relevant routes of exposure:** Skin, Inhalation, Eyes, Ingestion

### Potential Health Effects/Symptoms

**Inhalation:** Inhalation of vapors or mists of the product may be irritating to the respiratory system.  
**Skin contact:** Causes skin irritation. May cause allergic skin reaction.  
**Eye contact:** Causes serious eye irritation.  
**Ingestion:** May cause gastrointestinal tract irritation if swallowed.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Polyglycol dimethacrylate	None	Allergen, Irritant
Silica, amorphous, fumed, crystal-free	None	Nuisance dust
Titanium dioxide	None	Irritant, Respiratory, Some evidence of carcinogenicity
Cumene hydroperoxide	Inhalation LC50 (Mouse, 4 h) – 200 mg/l	Allergen, Central nervous system, Corrosive, Irritant, Mutagen
Ethylene glycol	Oral LD50 (RAT) = 5.89 g/kg Oral LD50(MOUSE) = 14.6 g/kg Dermal LD50(RABBIT) = 9,530 mg/kg	Blood, Bone Marrow, Central nervous system, Developmental, Eyes, Irritant, Kidney, Liver, Metabolic
Cumene	Oral LD50 (RAT) = 2.91 g/kg Oral LD50 (RAT) = 1,400 mg/kg Inhalation LC50 (RAT, 4 h) = 8000 ppm	Central nervous system, Irritant, Lung

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Polyglycol dimethacrylate	No	No	No
Silica, amorphous, fumed, crystal-free	No	No	No
Titanium dioxide	No	Group 2B	No
Cumene hydroperoxide	No	No	No
Ethylene glycol	No	No	No
Cumene	REASONABLY ANTICIPATED TO BE A HUMAN CARCINOGEN.	Group 2B	No

**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.

**Hazardous waste number:** Not a RCRA hazardous waste.

**14. TRANSPORT INFORMATION**

**U.S. Department of Transportation Ground (49 CFR):** NOT REGULATED

**International Air Transportation (ICAO/IATA):** NOT REGULATED

**Water Transportation (IMO/IMDG):** NOT REGULATED

**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 minimis

**CERCLA/SARA Section 302 EHS:** None above reporting de minimis  
**CERCLA/SARA Section 311/312:** Immediate Health, Delayed Health

**CERCLA/SARA Section 313:** None above reporting de minimis  
**CERCLA Reportable quantity:** Cumene hydroperoxide (CAS# 80-15-9) 10 lbs. (4.54 kg)

**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/NDSL Status:**

Contains one or more components listed on the Non-Domestic Substances List. All other components are listed on or are exempt from listing on the Domestic Substances List. Components listed on the NDSL must be tracked by all Canadian Importers of Record as required by Environment Canada. They may be imported into Canada in limited quantities.

**16. OTHER INFORMATION**

**This safety data sheet contains changes from the previous version in sections: Reviewed SDS, Reissued with new date.** The data contained herein are furnished for information only and are believed to be reliable. However, Huron Industries, Inc. and its affiliates ("HI") do not assume responsibility for any results obtained by persons over whose methods HI has no control. It is the user's responsibility to determine the suitability of HI's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any HI's products. In light of the foregoing, HI specifically disclaims all warranties, express, or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of HI's products. HI further disclaims any liability for consequential or incidental damages of any kind, including lost profits. NEOLUBE® is a Registered Trademark of Huron Industries, Inc.

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