

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standards 29 CRP 1910.1200. Standards must be consulted for specific requirements.

Section I

Manufacturer's Name & Address:
 Sealers, Inc.
 5017 S. 38th St.
 St. Louis, MO 63116

Emergency Telephone Number:
 (314) 752-4667

Chemical Family:
 Butyl Rubber Composite

Date Prepared:
 01/01/2015

Product Use:
 Pumpable Butyl Sealer

Product Name:
 #1106.1

Section II - HAZARDOUS INGREDIENTS

Hazardous Components	CAS #	OSHA PEL	ACGIH TLV	%
Light Aliphatic Naptha	64742-89-8	300 PPM	400 PPM	6 to 10
Quartz Silica	14808-60-7	1 mg/m	1 mg/m	<1%

Section III - PHYSICAL DATA

Physical State:	Very Heavy Liquid	Odor & Appearance:	Soft tacky liquid with some Petroleum Naptha odor
Vapor Pressure:	n/a	Vapor Density:	n/a
pH:	n/a	Evaporation Rate:	(EE=1) 7 times slower
Specific Gravity:	1.48 8/cc	Coeff. Water/Oil Dist.	n/a
VOC (Grams/Liter):	> .72	Boiling Point (C):	240-300°F
Solubility in Water:	Insoluble	Odor Threshold (ppm):	n/a
Freezing Point (C):	n/a	Volatiles by Wt. (%):	6 to 10

Section IV - FIRE & EXPLOSION HAZARD DATA

Flammability:	Flammable	
Flammable Limits	<u>LEL</u>	<u>UEL</u>
	Not Established	Not Established
	<u>LFL</u>	<u>UFL</u>
	1	6
Flash-pointing:	100 to 120°F	
Auto-ignition:	n/a	
Lower/Upper Flammable Limit:	LIL 1.0 UEL 7	
Hazardous combustion Products:	Incomplete combustion can yield CO and Hydrocarbons	
Explosion Data:	n/a	
Sensitivity to Impact:	n/a	

Sensitivity to Static Discharge: Container should be grounded at all times.

Extinguishing Media: Foam, CO₂, or Dry Chemical

Special Fighting Procedures: Firefighters should wear a self-contained breathing apparatus with a full face-piece operated in pressure demand.

Unusual Fire & Explosion Hazards: Can form flammable mixtures with air and flash at R.T. Explosion hazard in fire situation. Vapor heavier than air and may travel to source of ignition and flashback.

Section V - REACTIVITY DATA

Chemical Stability: Unstable () Stable (x)

Hazardous Polymerization: May Occur () Will not Occur (x)

Conditions to Avoid: Excessive heat

**Incompatibility:
(Materials to Avoid)** Do not store with strong oxidizers. Store as OSHA Class Flammable 1B liquid.

Hazardous Decomposition Products: Toxic gases or vapors, such as Carbon Monoxide and Carbon Dioxide and Nitrogen Oxides.

Section VI - TOXICOLOGICAL PROPERTIES

Route of Entry: Skin Contact (x) Skin Absorption () Eye Contact (x) Inhalation (x) Ingestion (x)

Effects of Acute Exposure to Product: Irritation

Effects of chronic Exposure to Product: Dermatitis

Exposure Limits: PEL 300 PPM TLV 400 PPM

Irritability of Product: Vapor may irritate nose, throat, and respiratory tract

Sensitization to Product: Headache, nausea, drowsiness, depression of nervous system

Carcinogenicity:	<u>NTP?</u>	<u>IARC Monographs?</u>	<u>OSHA Regulated?</u>
	NO	NO	NO

Teratogenicity: None known

Reproductive Toxicity: None known

Mutagenicity: None known

Synergistic Products: None known

Section VII - PREVENTATIVE MEASURES

Personal Protective Equipment:

Gloves (specify): Use plastic gloves

Respirator (specify): Use OSHA approved vapor respirator

Eye (specify): Safety glasses, chemical goggles or face shield

Footwear (specify): Industrial shoes to protect skin from product contact.

Clothing (specify): Solvent resistant clothing to protect skin.

Other (specify): None known

Engineering Controls (specify): (EG, Ventilation Enclosed Process)	Maintain local or dilution ventilation to keep air concentration below 300 PPM
Leak or Spill Procedure:	Eliminate potential sources of ignition, wear appropriate safety gear, shut off source, dike and contain, soak up.
Waste Disposal:	Dispose of accordance with all local, state and federal regulations.
Handling Procedures & Equipment:	Remove clothing. Wash hands with soap and water.
Storage Requirements:	Store in a cool, dry place. Keep away from oxidizers.
Special Shipping Information:	U.S. DOT Hazard Class. Non-regulated

Section VIII - FIRST AID MEASURES

Specific Measures:

Eye Contact: Immediately flush eyes with water for 15 minutes. Get medical help promptly.

Skin contact: Wash skin with soap and water. If clothing is soaked, launder before wearing.

Inhalation: Move exposed person to fresh air. Get medical help immediately.

Ingestion: Call Physician immediately. Do not induce vomiting. Never give anything by mouth to an unconscious person.

Section IX - SARA SECTION 131 SUPPLIER NOTIFICATION

Cas Number:	14808-60-7
Chemical Name:	Crystalline Silica Quartz
Percent by Weight:	<1%

Section X - PREPARATION INFORMATION

Prepared By (Group, Department, etc.):	Vasu Patel, Research & Development
Phone Number:	(314) 752-4667
Date:	01/01/2015

Supersedes All Previous Publications