

**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:**  
 01/01/2012

**Product Use:**  
 Extruded Rubber Sealer

**Product Name:**  
 #1110

**Section II - HAZARDOUS INGREDIENTS**

Hazardous Components	CAS #	OSHA PEL	ACGIH TLV	%
Quartz Silica	14808-60-7	1 mg/m	1 mg/m	<1%
Calcium Carbonate	1317-65-3	10mg/m		30 - 40%
Hydrous Magnesium Silicates	14807-96-6	2 mg/m		10 - 20%

**Section III - PHYSICAL DATA**

<b>Physical State:</b> Extruded mastic	<b>Odor and Appearance:</b> Soft, sticky mastic
<b>Vapor Pressure:</b> n/a	<b>Vapor Density:</b> n/a
<b>pH:</b> n/a	<b>Evaporation Rate:</b> n/a
<b>Specific Gravity:</b> 1.45 gm/cc	<b>Coeff. Water/Oil Dist.</b> n/a
<b>VOC (Grams/Liter):</b> 75 to 100	<b>Boiling Point (C):</b> n/a
<b>Solubility in Water:</b> Insoluble	<b>Odor Threshold (ppm):</b> n/a
<b>Freezing Point (C):</b> n/a	<b>Volatiles by Wt. (%):</b> n/a

**Section IV - FIRE & EXPLOSION HAZARD DATA**

<b>Flammability:</b>	n/a
<b>Flash pointing:</b>	425°F COC
<b>Auto ignition:</b>	n/a
<b>Lower/Upper Flammable Limit:</b>	n/a
<b>Hazardous combustion Products:</b>	Incomplete combustion can yield CO and Hydrocarbons
<b>Explosion Data:</b>	n/a
<b>Sensitivity to Impact:</b>	n/a
<b>Sensitivity to Static Discharge:</b>	n/a
<b>Extinguishing Media:</b>	Foam, CO , or Dry Chemical
<b>Special Fighting Procedures:</b>	Firefighters should wear a self-contained breathing apparatus with a full

**Unusual Fire & Explosion Hazards:**

face-piece operated in pressure demand.  
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 1B Flammable 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 ( ) Skin Absorption ( ) Eye Contact ( ) Inhalation ( ) Ingestion ( )

**Effects of Acute Exposure to Product:** n/a

**Effects of chronic Exposure to Product:** n/a

**Exposure Limits:** n/a

**Irritability of Product:** n/a

**Sensitization to Product:** n/a

**Carcinogenicity:** Non-Carcinogen

**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:** n/a

**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 VII - PREVENTATIVE MEASURES (cont.)**

**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  
**Clothing (specify):** Long sleeves, long trousers to protect skin from contact.  
**Other (specify):** None known  
**Engineering Controls (specify):** n/a  
**(EG, Ventilation Enclosed Process)**  
**Leak or Spill Procedure:** n/a

---

**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:** n/a

---

**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:** 01/01/2012

**Supersedes All Previous Publications**