

# 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:

Ward Industries  
484 Thomas Drive  
Bensenville, IL 60106

### Emergency phone number

1-800-222-1222 or 911

### Chemical Family:

Butyl Rubber Composite

### Date Prepared:

01/01/2008

### Product Use:

Pumpable Butyl Sealer

### Product Name:

Butyl Pumpable

## 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

|                             |                   |                               |   |
|-----------------------------|-------------------|-------------------------------|---|
| <b>Physical State:</b>      | Very Heavy Liquid | <b>Odor &amp; Appearance:</b> | Soft tacky liquid with some Petroleum Naptha odor |
| <b>Vapor Pressure:</b>      | n/a               | <b>Vapor Density:</b>         | n/a   |
| <b>pH:</b>                  | n/a               | <b>Evaporation Rate:</b>      | (EE=1) 7 times slower                             |
| <b>Specific Gravity:</b>    | 1.48 8/cc         | <b>Coeff. Water/Oil Dist.</b> | n/a   |
| <b>VOC (Grams/Liter):</b>   | 75 to 100         | <b>Boiling Point (C):</b>     | 240-300°F   |
| <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>  | 6 to 10   |

## Section IV - FIRE & EXPLOSION HAZARD DATA

### Flammability:

Flammable

### Flammable Limits

#### LEL

Not Established

#### LFL

1

#### UEL

Not Established

#### UFL

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

|  |   |
|--|---|
| <b>Sensitivity to Static Discharge:</b>      | Container should be grounded at all times.  |
| <b>Extinguishing Media:</b>                  | Foam, CO <sub>2</sub> , or Dry Chemical   |
| <b>Special Fighting Procedures:</b>          | Firefighters should wear a self-contained breathing apparatus with a full face-piece operated in pressure demand.   |
| <b>Unusual Fire &amp; Explosion Hazards:</b> | 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

|  |  |                    |
|--|--|--------------------|
| <b>Chemical Stability:</b>                       | Unstable ( )   | Stable (x)         |
| <b>Hazardous Polymerization:</b>                 | May Occur ( )  | Will not Occur (x) |
| <b>Conditions to Avoid:</b>                      | Excessive heat   |                    |
| <b>Incompatibility:<br/>(Materials to Avoid)</b> | Do not store with strong oxidizers. Store as OSHA Class Flammable 1B liquid.           |                    |
| <b>Hazardous Decomposition Products:</b>         | Toxic gases or vapors, such as Carbon Monoxide and Carbon Dioxide and Nitrogen Oxides. |                    |

## Section VI - TOXICOLOGICAL PROPERTIES

|  |  |                         |                        |                |               |
|--|--|-------------------------|------------------------|----------------|---------------|
| <b>Route of Entry:</b>                         | Skin Contact (x)   | Skin Absorption ( )     | Eye Contact (x)        | Inhalation (x) | Ingestion (x) |
| <b>Effects of Acute Exposure to Product:</b>   | Irritation   |                         |                        |                |               |
| <b>Effects of chronic Exposure to Product:</b> | Dermatitis   |                         |                        |                |               |
| <b>Exposure Limits:</b>                        | PEL 300 PPM TLV 400 PPM                                    |                         |                        |                |               |
| <b>Irritability of Product:</b>                | Vapor may irritate nose, throat, and respiratory tract     |                         |                        |                |               |
| <b>Sensitization to Product:</b>               | Headache, nausea, drowsiness, depression of nervous system |                         |                        |                |               |
| <b>Carcinogenicity:</b>                        | <u>NTP?</u>  | <u>IARC Monographs?</u> | <u>OSHA Regulated?</u> |                |               |
|  | NO   | NO                      | NO                     |                |               |
| <b>Teratogenicity:</b>                         | None known   |                         |                        |                |               |
| <b>Reproductive Toxicity:</b>                  | None known   |                         |                        |                |               |
| <b>Mutagenicity:</b>                           | None known   |                         |                        |                |               |
| <b>Synergistic Products:</b>                   | None known   |                         |                        |                |               |

## Section VII - PREVENTATIVE MEASURES

|                                       |  |
|---------------------------------------|--|
| <b>Personal Protective Equipment:</b> |  |
| <b>Gloves (specify):</b>              | Use plastic gloves                                     |
| <b>Respirator (specify):</b>          | Use OSHA approved vapor respirator                     |
| <b>Eye (specify):</b>                 | Safety glasses, chemical goggles or face shield        |
| <b>Footwear (specify):</b>            | Industrial shoes to protect skin from product contact. |
| <b>Clothing (specify):</b>            | Solvent resistant clothing to protect skin.            |
| <b>Other (specify):</b>               | 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

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## **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.

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## **Section IX - SARA SECTION 131 SUPPLIER NOTIFICATION**

**Cas Number:**

14808-60-7

**Chemical Name:**

Crystalline Silica Quartz

**Percent by Weight:**

<1%