

*Replacement for Sealrite*  
**MATERIAL SAFETY DATA SHEET**

#282

#01312

**HAZARD RATING:** Health = 1 Flammability = 0 Reactivity = 0  
**PHYSICAL RATING:** Health = 1 Flammability = 0 Reactivity = 0

**SECTION I - IDENTITY AND MANUFACTURER'S INFORMATION**

**Manufacturer's Name:** HILLYARD INDUSTRIES **Product Name:**  
**Address:** 302 North Fourth Street **Date Prepared:**  
 St. Joseph, MO 64501 **Prepared by:**

|  |               |
|--|---------------|
| <input type="radio"/> H<br><input checked="" type="radio"/> F<br><input type="radio"/> O<br><input type="radio"/> PE | CHEMICAL NAME |
|  | Tip off       |
|  | MANUFACTURER  |
|  | Hillyard      |
|  | DATE          |
|  | MSDS 0312     |

**Emergency Telephone No.:** (800)-424-9300 (Only in the event of chemical exposure or accident involving chemicals.)

Lab Safety Supply Inc.

Reorder No. 17135

**Other information calls:** (810) 255-1224

**SECTION II - INGREDIENTS/IDENTITY INFORMATION**

| Components<br>(Specific Chemical Identity:<br>Common Name(s)) | CAS #                                | OSHA PEL        | ACGIH<br>TLV    | OTHER LIMITS<br>RECOMMENDED | %   |
|---|--------------------------------------|-----------------|-----------------|-----------------------------|-----|
| Dipropylene Glycol Methyl Ether**(1)                          | 34590-94-8                           | 100 ppm         | 100 ppm         | STEL = 150                  | 2-6 |
| Water   | 7732-18-5                            | none            | none            | N.A.                        | —   |
| Acrylic Polymer Emulsion                                      | unknown to Hillyard                  | not established | not established | N.A.                        | —   |
| Waterborne urethane   | New Jersey Trade Secret 80100074-021 | not established | not established | N.A.                        | —   |
| Diethylene Glycol Monoethyl Ether**                           | 111-90-0                             | not established | not established | N.A.                        | 1-3 |
| Nonionic ethoxylated  | 9016-45-9                            | not established | not established | N.A.                        | —   |
| Polyethylene emulsion   | 9010-77-9                            | not established | not established | N.A.                        | —   |

Regulated by OSHA and the following states Right to Know: FL, IL, LA, MA, NJ, PA, RI.  
 This product contains the following chemical subject to reporting requirements of SARA Title III, Section 313, and 40 CFR Part 372:  
 Diethylene Glycol Monoethyl Ether  
 Volatile Organic Compounds = Less than 275 grams per liter  
 Volatile Organic Substances = Less than 2.29 pounds per gallon

**SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS**

**Boiling Point:** 215°F **Specific Gravity (H<sub>2</sub>O = 1): 25°C =** 1.04  
**Vapor Pressure (mm Hg.):** 17.2 **Percent Volatile by Volume (%):** 68.7  
**Vapor Density (AIR = 1):** 1.1 **Evaporation Rate (ethyl ether = 1):** slower than 1  
**Solubility in Water:** complete **Appearance and Odor:** milky white liquid; polymer odor

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

**Flash point:** None (T.C.C.) **Flammable Limits:** LEL = N.A. UEL = N/A  
**Extinguishing Media:** Foam, carbon dioxide, dry chemical, water fog  
**Special Fire Fighting Procedures:** Self-contained breathing apparatus with full facepiece operated in pressure demand or other pressure mode  
**Unusual Fire and Explosion Hazards:** May form carbon dioxide and carbon monoxide

**SECTION V - PHYSICAL HAZARDS**

**Stability:** Stable **Conditions to Avoid:** Elevated temperatures  
**Incompatibility (Materials to Avoid):** Avoid contact with strong acids and strong oxidizing agents.  
**Hazardous Decomposition Products or Byproducts:** When exposed to fire, produces smoke, soot, carbon monoxide and carbon dioxide.  
**Hazardous Polymerization:** Will not occur **Conditions to Avoid:** None known to Hillyard

**SECTION VI - HEALTH HAZARD DATA**

**Routes of entry:** Inhalation? Yes Skin? Yes Ingestion? Yes

**HEALTH HAZARDS (1. Acute and 2. Chronic)**

1. According to Federal Hazardous Substance Act test the product was not a skin or eye irritant. Prolonged exposure may cause severe skin irritation. Excessive exposure to vapors or spray mist can cause irritation of the eyes, nose and throat. Not acutely toxic when administered orally at a dose level of 5.0 g/kg. Inhalation - Not acutely toxic to subject following a one hour exposure at a nominal concentration of 11.9 mg/l. (Actual 10 mg/l.). 2. None known to Hillyard.

**Chemical listed as Carcinogen or Potential Carcinogen:**

National Toxicology Program = No I.A.R.C. Monographs = No OSHA = No

This product has no carcinogens listed by IARC, NTP, NIOSH, or ACGIH as of this date, greater or equal to 0.1%.

**Signs and Symptoms of Exposure:** Prolonged skin contact may cause severe irritation. Excess inhalation may irritate nose and throat. Ingestion may cause gastrointestinal irritation.

**Medical Conditions Generally Aggravated by Exposure:** Pre-existing eye and skin disorders.

**Emergency and First Aid Procedures:** In case of skin contact immediately flush skin with plenty of water for 15 minutes. If irritation persist, get medical attention. If exposed to high concentrations of vapor, remove to fresh air; if breathing difficulty persists call a physician. In case of eye contact flush immediately with large amounts of water for at least 15 minutes. If swallowed consult a physician.

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps To Be Taken In Case Material Is Released Or Spilled:** Absorb spill with floor dry or similar inert material. Sweep or scrape up and put in appropriate container. Do not let spilled or leaking material enter watercourse.

**Waste Disposal Method:** Dispose of in accordance with state and federal regulations.

**Precautions To Be Taken In Handling And Storing:** Keep container closed when not in use. Store in cool, well ventilated area away from heat and out of direct sunlight. Protect from freezing.

**Other Precautions:** USE WITH ADEQUATE VENTILATION. Avoid breathing vapors or spray mist. Open windows and doors, use exhaust fans or other means to insure fresh air entry during application and drying. Avoid prolonged or repeated contact with skin. Refer to OSHA Standard 29 CFR 1910.94 for technical guidelines on keeping air contamination below acceptable exposure limits.

**SECTION VIII - CONTROL MEASURES:**

**Respiratory Protection (Specify Type):** None normally required when used according to label directions. When airborne exposure guidelines and/or comfort levels may be exceeded, use approved air-purifying respirator. Avoid breathing spray mist. If sprayed, wear mechanical filter respirator to remove solid particles of overspray.

**Ventilation:**

**Local Exhaust =** Recommended **Mechanical (General) =** Recommended **Special =** N/A **Other =** N/A

**Protective Gloves:** Rubber gloves if unable to avoid skin contact **Eye Protection:** Not necessary

**Other Protective Clothing or Equipment:** None normally required. If unable to avoid prolonged or repeated contact with skin, wear impervious clothing.

**Work / Hygienic Practices:** Wash thoroughly after handling. Upon contact remove contaminated clothing and shoes; wash before reuse (including shoes).

**SECTION IX - TRANSPORTATION INFORMATION:**

**Applicable regulations:** 49 CFR = No; IMCO = No; IATA = No.

**Proper shipping name:** Varnish

**UN No.:** Not applicable; **Limited Qty.:** Not applicable; **Hazard Class:** Not applicable.

**Labels required:** Not required **DOT Exception:** Not applicable

**EPA Hazardous waste number / code:** Not listed

**Hazardous waste characteristics:**

**Ignitability =** Not applicable; **Corrosivity =** Not applicable; **Reactivity =** Not applicable.

**DISCLAIMER OF WARRANTIES**

**NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OF ANY NATURE ARE MADE WITH RESPECT TO THE PRODUCT(S) OR INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET.**

The information and recommendations contained in this Material Safety Data Sheet are supplied pursuant to 29 CFR 1910.1200 of the Occupational Safety and Health Standards Hazard Communication Rule. All information contained herein is presented in good faith and is believed to be appropriate and accurate.

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