



# GARLAND INDUSTRIES

## Material Safety Data Sheet (MSDS)

**MSDS Status:** Current  
**Product Name:** SEAL-RITE  
**Product Code:** 2125

**Product Status:** Active  
**Revision Date:** 2009-07-14  
**Version:** 2009.1

### SECTION I - CHEMICAL PRODUCT/COMPANY IDENTIFICATION

**Chemical Name:** Mixture

**CAS No.:** Not Applicable

**Product Description:** Industrial, exterior multipurpose thermoplastic sealant

**Hazard Classification:** Health- 2 Flammability- 2 Reactivity- 0

**Manufacturer/Supplier:** THE GARLAND COMPANY, INC. 3800 EAST 91ST. STREET CLEVELAND, OHIO 44105-2197 PH: (216) 641-7500 FAX: (216) 641-0633  
GARLAND CANADA, INC. 1296 MARTIN GROVE ROAD TORONTO, ONTARIO, M9W 4X3 PH: (416)747-7995 FAX: (416)747-1980

**Internet Address:** <http://www.garlandco.com/>  
24 HR EMERGENCY ASSISTANCE: 1-800-762-8225

### SECTION II - HAZARDOUS INGREDIENTS/COMPOSITION

Ingredient	CAS Number	OSHA PEL	ACGIH TLV	Weight %
Xylene	1330-20-7	100ppm	100ppm	<40

N/A = Not Available

### SECTION III - HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

Flammable liquid. Do not get in eyes or on skin. Do not breath vapors. Make sure that air intakes do not draw odor indoors.

**ROUTES OF ENTRY:** Inhalation, Dermal, Ingestion

**CARCINOGENICITY:** Xylene is not classified as a human carcinogen by NTP, OSHA, or IARC.

#### ACUTE HEALTH HAZARD:

**INHALATION:** Can cause irritation to eyes, nose, throat, lungs, and respiratory tract.

**SKIN:** Contact can cause dermatitis, irritation and skin sensitization.

**EYES:** Can cause severe irritation, redness, tearing and blurred vision. Material may cause burns if left in contact with the eyes.

**INGESTION:** Harmful or fatal if swallowed: Can cause mouth, throat, and gastrointestinal tract irritation. May also cause headache, nausea, and vomiting.

**EFFECTS OF CHRONIC EXPOSURE:** Overexposure to vapors may affect respiratory system. Prolonged or repeated skin contact with this product may result in irritation or dermatitis

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Diseases of the nervous, respiratory and pulmonary (lungs) systems, skin, eyes, liver, and kidney.

#### SECTION IV - FIRST AID PROCEDURES

**EYE CONTACT:** Flush eyes with plenty of water for 15 minutes while holding eyelids open. Get medical attention.

**SKIN CONTACT:** Remove contaminated clothing/shoes. Flush with water and wash with waterless hand cleaner, if available. Follow by washing with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned.

**INHALATION:** Remove victim to fresh air and provide oxygen (by trained personnel) if breathing is difficult. Give artificial respiration if not breathing. Get medical attention. Keep person warm and quiet.

**INGESTION:** Get medical attention. Do not give anything by mouth to an unconscious person. Only induce vomiting under medical supervision. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.\* Keep person warm and quiet.

**\*Note to Physician:** If more than 2.0 ml per kg has been ingested and vomiting has not occurred, emesis should be induced with supervision. If symptoms such as loss of gag reflex, convulsions or unconsciousness occur before emesis, gastric lavage using a cuffed endotracheal tube should be considered.

#### SECTION V - FIRE AND EXPLOSION HAZARD DATA

<b>FLASH POINT:</b>	84 <sup>0</sup> F (29 <sup>0</sup> C)
<b>AUTOIGNITION TEMP.:</b>	N/A
<b>LEL (LOWER EXPLOSION LIMIT):</b>	estimated 1.1% volume
<b>UEL (UPPER EXPLOSION LIMIT):</b>	estimated 7.0% volume

**EXTINGUISHING MEDIA:** Foam, Carbon Dioxide, Dry Chemical, Water Fog

**SPECIAL FIRE FIGHTING PROCEDURES:** Flammable liquid; clear area. Do not enter any enclosed or confined space without proper protective equipment. Fire fighters should wear self-contained breathing apparatus with a full facepiece operated in a positive pressure demand mode. Cool fire exposed containers with water.

#### UNUSUAL FIRE AND EXPLOSION HAZARD:

- A) Sensitivity to impact: No
- B) Sensitivity to static discharge: Yes

#### SECTION VI - ACCIDENTAL RELEASE MEASURES

**Steps to be taken in case material is released or spilled:** Wear proper protective clothing as stated in Section VIII - Exposure Controls, Personal Protection. Remove all sources of ignition. Remove all non-essential personell. Use an absorbent such as clay, vermiculite, earth and place in proper containers for disposal. Dispose of material as a hazardous waste as is stated in Section XIII - Disposal Considerations.

#### SECTION VII - SAFE HANDLING AND STORAGE

**HANDLING AND STORAGE PRECAUTIONS:** Keep away from ignition sources such as heat, spark, or flame. Keep containers closed tightly. Never us a welding or cutting torch on or near a container (even when empty); residual product can ignite explosively.

- DO NOT LET AIR INTAKES DRAW ODOR INDOORS.
- KEEP OUT OF THE REACH OF CHILDREN.

## SECTION VIII - EXPOSURE CONTROL/PERSONAL PROTECTION

**VENTILATION:** Normal use is on a roof; ventilation is not required. Use positive ventilation in enclosed areas. If the PEL, TLV, or LEL is exceeded, use a NIOSH/MSHA approved breathing apparatus. Make sure that ventilation equipment does not draw material orders indoors.

**GLOVES:** Solvent resistant, such as neoprene or Buna-N.

**EYE PROTECTION:** Safety glasses with side shields or safety goggles.

**CLOTHING:** Normal long-sleeved and long-pant work clothes. Change immediately if contaminated and be sure to wash thoroughly before reuse.

**HYGIENIC PRACTICES:** Do not wear contact lenses when handling this material. Wash hands before eating, smoking, or using the toilet. Do not smoke in any chemical handling or storage area. Food or beverages should not be consumed in areas immediate to the use of this product. A complete soap and water shower should be taken at the end of each workday. Provide readily available eyewash station and washing station.

## SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

**EVAPORATION RATE:** Faster than n-butyl acetate

**BOILING POINT:** 284<sup>0</sup>F (139<sup>0</sup>C)

**SOLUBILITY IN WATER:** Nil

**SPECIFIC GRAVITY:** 0.93 @25<sup>0</sup>C

**pH:** Not applicable

**PHYSICAL STATE, APPEARANCE AND ODOR:** opaque paste with organic solvent odor

## SECTION X - STABILITY AND REACTIVITY DATA

**STABILITY:** Stable

**MATERIALS TO AVOID:** Strong oxidizers

**HAZARDOUS DECOMPOSITION:** Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), unidentified organic compounds.

**WILL POLYMERIZATION OCCUR:** No

## SECTION XI - TOXICOLOGICAL INFORMATION

\* Xylene has an 8-hour time-weighted permissible short term exposure limit (STEL) of 150ppm.

## SECTION XII - ECOLOGICAL INFORMATION

No data available.

## SECTION XIII - DISPOSAL CONSIDERATIONS

Hazardous waste if discarded. RCRA ID #U239 / D001. Recycle or incinerate at an EPA approved facility or dispose of in compliance with applicable Federal, State, County, and Local requirements.

## SECTION XIV - TRANSPORTATION INFORMATION

**NON-BULK < 119 gallon container size**

**DOT-U.S./MOT-CANADA**

**PROPER SHIPPING NAME:** ORM-D (Consumer Commodity)

**HAZARD CLASS:** N/A

**IDENTIFICATION NO:** N/A

**PACKAGING GROUP:** N/A

Re-classed under 49CFR 173.120(b)(2). Not regulated under 49CFR 173.150(f)(2).

### SECTION XV - REGULATORY INFORMATION

**SARA 313:** This product DOES NOT contain material(s) subject to the reporting requirements of Section under Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR 372.

**CERCLA RQ:** 100 lbs. (45.4 kg)

**RCRA ID:** Waste # U239 / D001

**Carcinogen:** OSHA      ACGIH      NTP      IARC  
A4

**CA Prop 65:** This product contains no chemicals listed.

**WHIMS:** This material contains no ingredient(s) at, or above the minimum concentration specified on the WHMIS Ingredient Disclosure List under the Hazardous Products Act of Canada:

### SECTION XVI - ADDITIONAL INFORMATION

**CHANGES:** MSDS Review, no changes

#### Disclaimer

The information contained in this Material Safety Data Sheet has been prepared in accordance with the OSHA Hazard communication Standard CFR 1910.1200. This information relates specifically to the product designated and may not be valid for the product when used in combination with any other materials or products or in a particular process. The information is, to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness, whether originating within the company or not. The user should review this information, satisfy itself as to its suitability and completeness, and pass on the information to its employees or customers in accordance with applicable federal, state or local hazard communications requirements. We do not accept responsibility for any loss or damage which may occur from the use of this information.

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**Date:** 07/14/2009

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