



# Eco-Seal Primer

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision Date: 08/09/2016

Date of Issue: 03/20/2018

Version: 1.0

### SECTION 1: IDENTIFICATION

#### Product Identifier

**Product Form:** Mixture

**Product Name:** Eco-Seal Primer

**Product Code:** 2141

#### Intended Use of the Product

Water-based primer for high moving joints on masonry and concrete surfaces. For professional-use only.

#### Name, Address, and Telephone of the Responsible Party

##### Manufacturer

The Garland Company, Inc.  
3800 East 91<sup>st</sup> Street  
Cleveland, Ohio 44105-2197  
T-800-762-8225  
F-216-641-0633  
www.garlandco.com

##### Supplier

The Garland Company, Inc.  
3800 East 91<sup>st</sup> Street  
Cleveland, Ohio 44105-2197  
T-800-762-8225  
F-216-641-0633

The Garland Company, Inc.  
209 Carrier Drive  
Toronto, Ontario M9W 5Y8  
T-416-747-7995 800-387-5991  
F-416-747-1980

#### Emergency Telephone Number

**Emergency Number:** 1-800-262-8200 (CHEMTREC)

### SECTION 2: HAZARDS IDENTIFICATION

#### Classification of the Substance or Mixture

##### Classification (GHS-US)

Acute Tox. Oral 4 H302

Eye Dam. 1 H318

#### Label Elements

##### GHS-US Labeling

##### Hazard Pictograms (GHS-US)



##### Signal Word (GHS-US)

Danger

##### Hazard Statements (GHS-US)

H302-Harmful if swallowed

H318-Causes serious eye damage

##### Precautionary Statements (GHS-US)

P264 - Wash face, hands and any exposed skin thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a POISON CENTER or doctor/physician.

P330 - Rinse mouth.

P501 - Dispose of contents/container to an approved waste disposal plant.

#### Other Hazards

**Other Hazards Not Contributing to the Classification:** Not available

#### Unknown Acute Toxicity (GHS-US)

No data available

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### Substance

Not available

#### Mixture

Name	Product identifier	% (w/w)	Classification (GHS-US)
Acrylic co-polymer	Not established	35-45	
Alcohols, C9-11, ethoxylated	(CAS No) 68439-46-3	.1-1	Acute Tox. 4 (Oral), H302 Eye Damage 1, H318

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Propylene Glycol	(CAS No) 57-55-6	1-10	
Water		45-55	
Biocide	Not established	.1-.5	

Full text of H-Phrases: See Section 16

## SECTION 4: FIRST AID MEASURES

### Description of First Aid Measures

**First-aid Measures General:** Never give anything by mouth to an unconscious person. If you feel, seek medical advice (show the label where possible).

**First-aid Measures After Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.

**First-aid Measures After Skin Contact:** Wash with warm soapy water until clean. Area may become irritated if an allergy to the acrylic polymer exists.

**First-aid Measures After Eye Contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.

**First-aid Measures After Ingestion:** If swallowed, do NOT induce vomiting. Drink 1 or 2 glasses of water. Consult a physician. Never give anything by mouth to an unconscious person.

### Most Important Symptoms and Effects, Both Acute and Delayed

**General:** Repeated and/or prolonged exposure to low concentrations of vapors and/or aerosols may cause: Sore throat, Eye disease, Asthma, Skin disorders and Allergies.

**Symptoms/Injuries After Inhalation:** May cause respiratory irritation. May cause drowsiness or dizziness.

**Symptoms/Injuries After Skin Contact:** May cause skin irritation.

**Symptoms/Injuries After Eye Contact:** Causes serious eye irritation.

**Symptoms/Injuries After Ingestion:** Ingestion may cause nausea, vomiting, and diarrhea.

**Chronic Symptoms:** Causes damage to organs though prolonged or repeated exposure.

### Indication of Any Immediate Medical Attention and Special Treatment Needed

If medical advice is needed, have product container or label at hand.

## SECTION 5: FIRE-FIGHTING MEASURES

### Extinguishing Media

**Suitable Extinguishing Media:** Alcohol-resistant foam. Carbon dioxide (CO<sub>2</sub>). Dry chemical. Dry sand. Limestone powder.

**Unsuitable Extinguishing Media:** Not available

### Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Not considered flammable but may burn at high temperatures.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** Hazardous reactions will not occur under normal conditions.

### Advice for Firefighters

**Precautionary Measures Fire:** Not available

**Firefighting Instructions:** Exercise caution when fighting any chemical fire.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Not available

### Reference to Other Sections

Refer to section 9 for flammability properties.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Handle in accordance with good industrial hygiene and safety practice.

#### For Non-emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### For Emergency Responders

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area.

### Environmental Precautions

Prevent entry to sewers and public waters.

### Methods and Material for Containment and Cleaning Up

**For Containment:** Contain with dikes or absorbents to prevent migration and entry into sewers or streams. Absorb and/or contain spill with inert material.

**Methods for Cleaning Up:** Clear up spills immediately and dispose of waste safely.

### Reference to Other Sections

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See Heading 8, Exposure Controls and Personal Protection.

## SECTION 7: HANDLING AND STORAGE

### Precautions for Safe Handling

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work.

### Conditions for Safe Storage, Including Any Incompatibilities

**Storage Conditions:** Store in a well-ventilated place. Keep container tightly closed. Store locked up. Do not freeze.

**Incompatible Materials:** Strong acids. Strong bases. Strong oxidizers.

**Storage Area:** Store locked up. Store in a well-ventilated place. Keep cool.

**Special Rules on Packaging:** Keep only in original container.

### Specific End Use(s)

For professional use only.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Controls

**Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

**Personal Protective Equipment:** Gloves and protective goggles.



**Hand Protection:** Wear chemically resistant materials and fabrics.

**Eye Protection:** Wear chemical goggles or safety glasses. Face shield.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, NIOSH approved respiratory protection should be worn.

**Thermal Hazard Protection:** Wear suitable protective clothing.

**Environmental Exposure Controls:** Do not allow the product to be released into the environment.

**Consumer Exposure Controls:** Do not eat, drink, or smoke during use.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Milky white
Odor	: Slight
Odor Threshold	: Not available
pH	: 7.94
Relative Density	: 8.445 lbs/gal
Volatile Organic Compounds	: <100 g/L

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Hazardous reactions will not occur under normal conditions.

**Chemical Stability:** Stable.

**Possibility of Hazardous Reactions:** None under normal processing.

**Conditions to Avoid:** Temperatures below 0°C.

**Incompatible Materials:** None known.

**Hazardous Decomposition Products:** None under normal use.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information On Toxicological Effects - Product

**Acute Toxicity:** Not classified.

**LD50 and LC50 Data:**

Alcohols, C9-11, ethoxylated:

LD50: 1,400 - 7,600 mg/kg Species: Rat.

**Skin Corrosion/Irritation:** May cause skin irritation.

**Serious Eye Damage:** May cause eye irritation.

**Respiratory or Skin Sensitization:** Not classified.

**Germ Cell Mutagenicity:** Not classified.

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**Teratogenicity:** Not available.

**Carcinogenicity:** Not classified.

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified.

**Reproductive Toxicity:** No data is available on the product itself.

**Aspiration Hazard:** Not classified.

**Specific Target Organ Toxicity (Single Exposure):** Not classified.

**Symptoms/Injuries After Inhalation:** No data is available on the product itself.

**Symptoms/Injuries After Skin Contact:** May cause skin irritation.

**Symptoms/Injuries After Eye Contact:** May cause eye irritation.

**Symptoms/Injuries After Ingestion:** Harmful if swallowed.

**Chronic Symptoms:** No data is available on the product itself.

### **Information on Toxicological Effects – Ingredient(s)**

**LD50 and LC50 Data**

## **SECTION 12: ECOLOGICAL INFORMATION**

### **Toxicity – Ingredients**

#### **Toxicity to fish – Components:**

Alcohols, C9-11, ethoxylated LC50 (96 h): 1 - 10 mg/l Species: Fathead minnow (Pimephales promelas).

#### **Toxicity to daphnia – Components:**

Alcohols, C9-11, ethoxylated EC50 (48 h): 1 - 10 mg/l Species: Daphnia

#### **Toxicity to algae – Components:**

Alcohols, C9-11, ethoxylated ErC50 (96 h): 1 - 10 mg/l Species: Algae

### **Persistence and Degradability**

Not established

### **Bioaccumulative Potential – Product**

Not established

### **Bioaccumulative Potential – Ingredients**

### **Mobility in Soil**

No additional information available

### **Other Adverse Effects**

**Other Information:** Avoid release to the environment.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, and international regulations.

## **SECTION 14: TRANSPORT INFORMATION**

**In Accordance with DOT** – Not regulated for transport

**In Accordance with IMDG** – Not regulated for transport

**In Accordance with IATA** – Not regulated for transport

**In Accordance with TDG** – Not regulated for transport

## **SECTION 15: REGULATORY INFORMATION**

### **US Federal Regulations**

### **US State Regulations**

### **Canadian Regulations**

## **SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION**

**Revision date** : 03/20/2018

**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### **Party Responsible for the Preparation of This Document**

The Garland Company, Inc.

3800 East 91<sup>st</sup> Street

Cleveland, Ohio 44105-2197

T-800-762-8225

*This information is based on our knowledge as of the Revision Date and is intended to describe the product only for the purposes of*

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*health, safety, and environmental requirements as of the Revision Date. It should not therefore be construed as guaranteeing any specific property of the product nor as providing any warranty, expressed or implied. The user assumes all responsibility, liability, risk of loss, damage, or expense arising out of, or in any way connected with, the handling, storage, use, or disposal of the product.*

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