



Safety Data Sheet

Stone Veneer Mortar Polymer Modified

Revision Date: 07/24/2017	Date of issue: 06/09/2015	Version:2.0
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SECTION 1: IDENTIFICATION

- 1.1. **Product Identifier**
 - **Product Form:** Article
 - **Product Name:** Canyon Stone, Ply Gem Industries, Inc., Stone Veneer Mortar Polymer Modified
 - **Synonyms:** Dry Powder, Masonry Cement, Pre-sanded Portland Cement
- 1.2. **Intended Use of the Product**
 - **Use of the substance/mixture:** Home and Building Construction Component
- 1.3. **Name, Address, and Telephone of the Responsible Party**
 - **Company** Ply Gem Industries, Inc.(Canyon Stone) – Stone Division
550 E. 56 Hwy - Olathe, KS 66061 | p: 913.254.9300 |
- 1.4. **Emergency Telephone Number**
 - **Emergency Number:** 1-800-424-9300 (CHEMTREC)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Description	CAS#	TLV	PEL	Vapor Pres.
Portland Cement	65997-15-1	10mg/m3	15mg/m3	NA
Crystalline Silica	14808-60-7	.05mg/m3	.05mg/m3	NA
Hydrated Calcium Oxide	1305-52-0	5mg/m3	NE	NA
Proprietary Additives	Non-Hazardous	.05mg/m3	.05mg/m3	NA

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1. **Substance** Not applicable
- 3.2. **Mixture – Physical Data**

Boiling Point: NA Specific Gravity (Water = 1): 3.1-3.4
Vapor Pressure (mmHg): NA % Volatile by Volume (%): 0
Vapor Density (Air = 1): NA Evaporation Rate: NA
Solubility in Water: Slight
Appearance/Odor: Gray sanded powder; No odor

SECTION 4: FIRST AID MEASURES

- 4.1. **Description of First Aid Measures**
Emergency First Aid:
Skin: Wash thoroughly with soap and water.
Eyes: Flush thoroughly with water for 15 minutes. Consult physician if irritation persists.
Inhalation: Remove from exposure. If not breathing, give CPR. If breathing is difficult, give oxygen and consult physician.
- 4.2. **Most important symptoms and effects, both acute and delayed**
Effects of Overexposure: Excessive exposure by inhalation over an extended period of time may result in the development of pulmonary diseases including pneumoconiosis and silicosis. Skin and eye irritant. Can cause alkali burns and dermatitis.



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Threshold Limit Value: Respirable dust – TLV 10mg/m³

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Flash Point: Non-Flammable
Flammable Limits – UEL (%): NA
– LEL (%): NA
Extinguishing Media: NA
Special Firefighting: None required
Unusual Fire and Explosion Hazards: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures:

Spill or Leak Procedures: Spills or leaks can be swept or vacuumed. Sweeping compound or sand may be mixed with material to help minimize dust. Material may be flushed with water. Collect wash water for approved disposal.

Waste Disposal Methods: Dispose of in accordance with existing federal, state and local environmental regulations.

6.1.1. For Non-Emergency Personnel

- **Protective Equipment:** Use appropriate personal protection equipment (PPE).
 - Eye Protection: Goggles
 - Glove Requirements: Rubber, PVC, Neoprene
 - Respiratory Protection: NIOSH/MSHA approved for protection against silica and nuisance dust
 - Ventilation: Local exhaust - maintain below TLV/PEL.
 - Clothing: Rubber boots, arm sleeves and aprons when necessary to prevent skin contact
 - Wash Requirements: Soap and water
- **Emergency Procedures:** Evacuate unnecessary personnel.

6.1.2. For Emergency Responders

- **Protective Equipment:** Equip cleanup crew with proper protection.
- **Emergency Procedures:** Ventilate area.

6.2. Environmental Precautions

- Prevent entry to sewers and public waters.

6.3. Methods and Material for Containment and Cleaning Up

- **For Containment:** No specific measures are necessary.
- **Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Take up mechanically (sweeping, shoveling) and collect in suitable container for disposal. Utilize a dust suppressant when removing mechanically.



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7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Storage: Store in manner to prevent contact with strong acids. Avoid contact with water to preserve product.

Storage Temperature: Protect from freezing and extreme temperatures to protect product potential.

Other Precautions: Take necessary steps to avoid nuisance dusts.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.2. Exposure Controls

- Eye Protection: Goggles
- Glove Requirements: Rubber, PVC, Neoprene
- Respiratory Protection: NIOSH/MSHA approved for protection against silica and nuisance dust
- Ventilation: Local exhaust - maintain below TLV/PEL.
- Clothing: Rubber boots, arm sleeves and aprons when necessary to prevent skin contact
- Wash Requirements: Soap and water

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. See Section 2&3

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity:

Stability: Stable

Stability Conditions to Avoid: NA

10.2. **Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).

10.3. **Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

10.4. **Conditions to Avoid:** n/a

10.5. **Incompatible Materials:** Strong acids may cause violent, exothermic reaction

10.6. **Hazardous Decomposition Products:** None known. Hazardous Polymerization: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

- **Acute Toxicity:** Not classified
- **Skin Corrosion/Irritation:** Not classified
 - pH: N/A
- **Serious Eye Damage/Irritation:** Not classified
 - pH: N/A
- **Respiratory or Skin Sensitization:** Not classified **Germ Cell Mutagenicity:** Not classified



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- **Carcinogenicity:** Not classified.
- **Reproductive Toxicity:** Not classified
- **Specific Target Organ Toxicity (Single Exposure):** Not classified
- **Specific Target Organ Toxicity (Repeated Exposure):** Not classified
- **Aspiration Hazard:** Not classified
- **Symptoms/Injuries After Inhalation:** Dust of the product, if present, may cause respiratory irritation after an excessive inhalation exposure.
- **Symptoms/Injuries After Skin Contact:** See Health Hazard Data; Section 4
- **Symptoms/Injuries After Eye Contact:** See Health Hazard Data; Section 4
- **Symptoms/Injuries After Ingestion:** See Health Hazard Data; Section 4
- **Chronic Symptoms:** See Health Hazard Data; Section 4



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SECTION 12: ECOLOGICAL INFORMATION

- 12.1. **Toxicity** No additional information available
- 12.2. **Persistence and Degradability** No additional information available
- 12.3. **Bioaccumulative Potential** No additional information available
- 12.4. **Mobility in Soil** No additional information available
- 12.5. **Other Adverse Effects** No additional information available

SECTION 13: DISPOSAL CONSIDERATIONS

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

SECTION 14: TRANSPORT INFORMATION

- 14.1 **In accordance with DOT**
 - DOT Shipping Name: Bagged Portland Cement
 - DOT Hazard Class: Non-Hazardous – Class 50
 - DOT Reportable Quantity: NA
- 14.2 **In accordance with IMDG** Not Regulated
- 14.3 **In accordance with IATA** Not Regulated

SECTION 15: REGULATORY INFORMATION

N/A

SECTION 16: OTHER INFORMATION

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

Note: The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to silica contained in our products.