



# Safety Data Sheet MANUFACTURED STONE

Revision Date: 07/21/2017	Date of issue: 04/02/2015	Version:2.0
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## SECTION 1: IDENTIFICATION

- 1.1. **Product Identifier**
  - **Product Form:** Article
  - **Product Name:** Manufactured Stone, Decorative Stone Veneer
  - **Synonyms:** Canyon Ledge, Castle Stone, Cathedral, Classic Cut, Cobblestone, Country Ledge, Fieldstone, Limestone, River Rock, Strip Ledge, Southern Ledge, Timber Ledge, Tuscan Fieldstone, Cast Stone, Durata, Weathered Brick, and related stone accessories.
- 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. – 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. **Classification of the Substance or Mixture**
  - **Classification (GHS-US)**
    - Within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200]: this product is considered a manufactured article and is not considered a hazard when used in a manner which is consistent with the labeled directions.
- 2.2. **Label Elements**
  - **GHS-US Labeling**
    - No labeling applicable
- 2.3. **Other Hazards**
  - The health effects listed below are not likely to occur unless processing of this product generates dust. Dust from processing can cause irritation of eyes, skin and upper respiratory tract.
- 2.4. **Unknown Acute Toxicity (GHS-US)**
  - No data available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. **Substance** Not applicable

3.2. **Mixture**

Name	Product Identifier	%	Classification (GHS-US)
Portland Cement	(CAS No) 65997-15-1	20 - 40	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT SE 3, H335
Stalite (Lightweight)	N/A (Article)*	70	Not classified
Concrete Add Mixture	N/A (Article)*	10	Not classified
Pigments	N/A (Article)*	0 - 3	Not classified

\*The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200]. Full text of H-phrases: see section 16



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### SECTION 4: FIRST AID MEASURES

#### 4.1. Description of First Aid Measures

- **First-aid Measures General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice. **First-aid Measures After Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.
- **First-aid Measures After Skin Contact:** Wash with plenty of soap and water. Obtain medical attention if irritation develops or persists.
- **First-aid Measures After Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists. **First-aid Measures After Ingestion:** Rinse mouth. Do NOT induce vomiting. Seek medical attention.

#### 4.2. Most important symptoms and effects, both acute and delayed

- **Symptoms/Injuries:** None expected under normal conditions of use. The health effects listed below are not likely to occur unless dust is generated by processing.
- **Symptoms/Injuries After Inhalation:** Dust of the product, if present, may cause respiratory irritation after an excessive inhalation exposure.
- **Symptoms/Injuries After Skin Contact:** Dust may cause irritation in skin folds or by contact in combination with tight clothing.
- **Symptoms/Injuries After Eye Contact:** Dust from this product may cause minor eye irritation.
- **Symptoms/Injuries After Ingestion:** Gastrointestinal irritation.
- **Chronic Symptoms:** None expected under normal conditions of use.

#### 4.3. 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

#### 5.1. Extinguishing Media

- **Suitable Extinguishing Media:** Dry chemical, water spray, regular foam.
- **Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

#### 5.2. Special Hazards Arising from the Substance or Mixture

- **Fire Hazard:** Non-combustible.
- **Explosion Hazard:** None known.
- **Reactivity:** Hazardous reactions will not occur under normal conditions.

#### 5.3. Advice for Firefighters

- **Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.
- **Firefighting Instructions:** Avoid inhalation of material or combustion by-products. Do not allow run-off from firefighting to enter drains or water sources. Use water spray or fog for cooling exposed containers.
- **Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.
- **Other Information:** Refer to Section 9 for flammability properties.



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### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

- **General Measures:** No special measures required.

##### 6.1.1. For Non-Emergency Personnel

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

#### 6.4. Reference to Other Sections

- See heading 8, Exposure Controls and Personal Protection. Concerning disposal elimination after cleaning, see item 13.

### 7: HANDLING AND STORAGE

#### 7.1. Precautions for Safe Handling

- **Additional Hazards When Processed:** Where excessive dust may result, use approved respiratory protection equipment. Do not breathe dust.
- **Precautions for Safe Handling:** Avoid creating or spreading dust.
- **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.

#### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

- **Storage Conditions:** Store away from incompatible materials. **Incompatible Products:** Strong acids. Strong bases. Strong oxidizers. **Storage Area:** Store in a well-ventilated place. Keep cool.

#### 7.3. Specific End Use(s) Home and Building Construction Component

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control Parameters

- For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), or OSHA (PEL).

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Portland Cement (65997-15-1)		
<b>USA ACGIH</b>	ACGIH TWA (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup> (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction)
<b>USA ACGIH</b>	ACGIH chemical	Not Classifiable as a Human Carcinogen
<b>USA NIOSH</b>	NIOSH REL (TWA) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable dust)
<b>USA IDLH</b>	US IDLH (mg/m <sup>3</sup> )	5000 mg/m <sup>3</sup>
<b>USA OSHA</b>	OSHA PEL (TWA) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable fraction)

## 8.2. Exposure Controls

- Appropriate Engineering Controls :**

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

### Personal Protective Equipment

In case of dust production: protective goggles. Dust formation: dust Mask



### Materials for Protective Clothing

Not required for normal conditions of use.

### Hand Protection

Not required for normal conditions of use.

### Eye Protection

In case of dust production: protective goggles.

### Skin and Body Protection

Not required for normal conditions of use.

### Respiratory Protection

Use NIOSH-approved dust mask if dust has the potential to become airborne.

### Environmental Exposure Controls

Avoid release to the environment.

### Consumer Exposure Controls

Do not eat, drink or smoke during use.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

<b>Physical State</b>	Solid
<b>Appearance</b>	Various colors
<b>Odor</b>	None
<b>Odor Threshold</b>	No data available
<b>pH</b>	N/A
<b>Evaporation Rate</b>	No data available
<b>Melting Point</b>	Not applicable
<b>Freezing Point</b>	No data available
<b>Boiling Point</b>	Not applicable
<b>Flash Point</b>	Not applicable
<b>Auto-ignition Temperature</b>	No data available
<b>Decomposition Temperature</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Vapor Pressure</b>	No data available
<b>Relative Vapor Density at 20 °C</b>	No data available



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<b>Relative Density</b>	No data available
<b>Specific Gravity</b>	> 1
<b>Specific gravity / density</b>	Bulk Density: 8-12 lbs/ft2
<b>Solubility</b>	Water: Insoluble
<b>Partition Coefficient: N-Octanol/Water</b>	No data available
<b>Viscosity</b>	Not applicable

9.2. **Other Information** No additional information available

### SECTION 10: STABILITY AND REACTIVITY

- 10.1. **Reactivity:** Hazardous reactions will not occur under normal conditions.
- 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:** Sparks, heat, open flame and other sources of ignition.
- 10.5. **Incompatible Materials:** Strong acids. Strong bases. Strong oxidizers.
- 10.6. **Hazardous Decomposition Products:** None known.

### 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
  - **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:** Dust may cause irritation in skin folds or by contact in combination with tight clothing.
  - **Symptoms/Injuries After Eye Contact:** Dust from this product may cause minor eye irritation.
  - **Symptoms/Injuries After Ingestion:** Gastrointestinal irritation.
  - **Chronic Symptoms:** None expected under normal conditions of use



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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 Not regulated
- 14.2 In accordance with IMDG Not Regulated
- 14.3 In accordance with IATA Not Regulated

## SECTION 15: REGULATORY INFORMATION

### 15.1 US Federal Regulations

Listed on the United States TSCA (Toxic Substances Control Act) inventory

- Portland Cement (65997-15-1)

#### SARA 311/312

- Acute Health Hazard Yes (If dusts are generated)
- Chronic Health Hazard Yes (If dusts are generated)
- Fire Hazard No
- Sudden Release of Pressure Hazard No
- Reactive Hazard No

#### EPCRA section 313

- This product may contain the following chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (40CFR 372)

•	○	<u>CAS Registry Number</u>	<u>Chemical Name</u>	<u>Percent by Weight</u>
		1308-38-9	Chromium	0-3%

Clean Air Act: None of this product's components are in violation of the Clean Air Act-1990 Hazardous Air Pollutants List.

#### State Regulations:

- General Product Information
  - No additional information is available.



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- **Component Analysis- State**
  - The following components appear on one or more of the following state hazardous substances lists:
  - | Component  | CAS #      | CA  | FL  | MA  | MN  | MJ  | PA  |
|------------|------------|-----|-----|-----|-----|-----|-----|
| Iron Oxide | 1309-37-1  | Yes | Yes | Yes | Yes | Yes | Yes |
| Quartz     | 14808-60-7 | Yes | Yes | Yes | Yes | Yes | Yes |
- **Other Regulations- California:** The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):
- **Warning:** This product contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.
- **General Product Information:** No additional information available.

- **OTHER INFORMATION**

- **HMIS and NFPA Hazard Ratings:**

Category	HMIS	NFPA
Health	1*	1
Flammability	0	0
Reactivity	0	0

- **NFPA Unusual Hazards:** None **HMIS Personal Protection:** To be supplied by user depending upon use.

- **US State Regulations**

- **Portland Cement (65997-15-1)**
  - U.S. - Massachusetts - Right to Know List
  - U.S. - New Jersey - Right to Know Hazardous Substance List

**15.2 Component Analysis:** None of the components used in the products are listed under SARA Section 302 (40 CFR 355 Appendix A), or CERCLA (40 CFR 302.4).

### SECTION 16: OTHER INFORMATION

<b>Revision Date</b>	04/21/2015
<b>Other Information</b>	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

**GHS Full Text Phrases:**

Eye Dam. 1	Serious eye damage/eye irritation Category 1
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization Category 1
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H335	May cause respiratory irritation

*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.*