SECTION 1: IDENTIFICATION

1.1. Product Identifier
   • **Product Form:** Article
   • **Product Name:** Decorative Stone Veneer, Manufactured Stone,
   • **Synonyms:** Cascade Ledge, Cobblestone, Cut Cobblestone, Colonial Brick, Durata, Fieldstone, Tuscan Fieldstone, Ledgestone, Shadow Ledgestone, Manorstone, Cascade, Ridgestone, Riverstone, True Stack, Stone Column, 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

<table>
<thead>
<tr>
<th>Name</th>
<th>Product Identifier</th>
<th>%</th>
<th>Classification (GHS-US)</th>
</tr>
</thead>
</table>
| 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
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.
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


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).
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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical State</strong></td>
<td>Solid</td>
</tr>
<tr>
<td><strong>Appearance</strong></td>
<td>Various colors</td>
</tr>
<tr>
<td><strong>Odor</strong></td>
<td>None</td>
</tr>
<tr>
<td><strong>Odor Threshold</strong></td>
<td>No data available</td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>Evaporation Rate</strong></td>
<td>No data available</td>
</tr>
<tr>
<td><strong>Melting Point</strong></td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>Freezing Point</strong></td>
<td>No data available</td>
</tr>
<tr>
<td><strong>Boiling Point</strong></td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>Flash Point</strong></td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>Auto-ignition Temperature</strong></td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>Decomposition Temperature</strong></td>
<td>No data available</td>
</tr>
<tr>
<td><strong>Flammability (solid, gas)</strong></td>
<td>No data available</td>
</tr>
<tr>
<td><strong>Vapor Pressure</strong></td>
<td>No data available</td>
</tr>
</tbody>
</table>
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.
10.6. 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

9.2. Other Information  No additional information available

<table>
<thead>
<tr>
<th>Relative Vapor Density at 20 °C</th>
<th>No data available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relative Density</td>
<td>No data available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>&gt; 1</td>
</tr>
<tr>
<td>Specific gravity / density</td>
<td>Bulk Density: 8-12 lbs/ft2</td>
</tr>
<tr>
<td>Solubility</td>
<td>Water: Insoluble</td>
</tr>
<tr>
<td>Partition Coefficient: N-Octanol/Water</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>
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)

<table>
<thead>
<tr>
<th>CAS Registry Number</th>
<th>Chemical Name</th>
<th>Percent by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1308-38-9</td>
<td>Chromium</td>
<td>0-3%</td>
</tr>
</tbody>
</table>

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.
• Component Analysis- State
  o The following components appear on one or more of the following state hazardous substances lists:

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>CA</th>
<th>FL</th>
<th>MA</th>
<th>MN</th>
<th>MJ</th>
<th>PA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iron Oxide</td>
<td>1309-37-1</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Quartz</td>
<td>14808-60-7</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

• 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:

<table>
<thead>
<tr>
<th>Category</th>
<th>HMIS</th>
<th>NFPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>1*</td>
<td>1</td>
</tr>
<tr>
<td>Flammability</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

  o NFPA Unusual Hazards: None

  HMIS Personal Protection: To be supplied by user depending upon use.

• US State Regulations
  o Portland Cement (65997-15-1)
    ▪ U.S. - Massachusetts - Right to Know List
    ▪ U.S. - New Jersey - Right to Know Hazardous Substance List

15.2 US State Regulations
  • Portland Cement (65997-15-1)
    o U.S. - Massachusetts - Right to Know List
    o U.S. - New Jersey - Right to Know Hazardous Substance List

SECTION 16: OTHER INFORMATION

Revision Date: 04/21/2015

Other Information

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:

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

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.