

Safety Data Sheet (SDS)

Product: Castia Stone Pre-Cast Concrete Siding & Molding
 SDS No: 001 Preparation Date: 9-26-2005
 Version No: 1.0 Revision Date: 2-1-2017



Section 1: Identification of the Mixture and Supplier

- 1.1 Product Identifier:
- | | |
|---------------|------------------------------------|
| Product Name: | Pre-Cast Concrete Siding & Molding |
| Product Code: | Various |
| Formula: | Mixture |
- 1.2 Relevant identified uses of the substance or mixture, and uses advised against:
- | | |
|---------------------------|---|
| Relevant identified uses: | Interior or Exterior Wall or Surface Covering |
| Uses advised against: | Any other use than those recommended |
- 1.3 Details of the supplier of the safety data sheet:
- | | |
|----------------------|-------------------------------|
| Licenser: | Castia Stone, Inc., |
| Street Address: | PO Box 55004, Hurst, TX 75062 |
| Country ID/Postcode: | USA/92078 |
- 1.4 Emergency Telephone No: 1-877-786-6384

Section 2: Hazards Identification

Product Description: Various sizes of cured concrete products.

This SDS contains hazard information related to dust generation during construction. If cut with saw or broken, the following hazards may exist:

- 2.1 Inhalation: May Cause respiratory irritations (H3335). May cause damage to respiratory system through prolonged or repeated exposure (H372). Dust from this product may cause irritation to the upper respiratory tract. Prolonged and repeated exposure to the dust could cause silicosis and or chronic lung disease. The dust can contain crystalline silica, which with overexposure to extremely high concentrations is harmful and can cause death.
- 2.2 Skin Contact: Irritations can be caused from abrasions and from dust from this product.
- 2.3 Eye Contact: May cause eye irritation (H320) Dust from this product can be irritation and cause redness.
- 2.4 Other hazards: Exposure may aggravate pre-existing eye, skin or respiratory conditions.
- 2.5 Precautionary Statements:
- Do not handle until all safety precautions have been read and understood.
 - Avoid breathing dust. Wear respiratory protection in cases of inadequate ventilation.
 - Cut/grind/chip product in a well ventilated area or use a wet saw.
 - Wear protective gloves, clothing and eye protection.

Section 3: Composition/Information on Ingredients

- 3.1 Description of Product: Precast Concrete Matrix

CAS Number	Component
65997-15-1	Portland Cement
1332-09-8	Pumice
14808-60-7	Natural River Sand & Silica Sand
68513-92-8	Expanded Shale/Lightweight aggregate
25038-54-4	Nylon Embedded Mounting Brackets

Note: Less than 1% of Concrete Additives and Fibers

Section 4: First-Aid Measures

4.1 Inhalation: If exposed to dust, immediately provide fresh clean air for breathing. If dust is inhaled, remove person to fresh air and keep at rest in a position comfortable for breathing. Provide drinking water, if conscious, to flush mouth and irrigate upper respiratory tract. If irritation, discomfort, or coughing does not subside, seek medical attention.

4.2 Skin irritations: Injuries due to abrasion should be cleaned with soap and water. Apply disinfectant and a bandage if necessary. If irritation continues, seek medical attention.

4.3 Eye Contact: In the case of injury due to a projectile, seek immediate medical attention. For dust, flush eye with clean water for up to 15 minutes. Remove contact lenses if present and will not cause further discomfort. Continue to rinse until relief. If irritation continues, seek medical attention as soon as possible.

4.4 General: Do not give anything by mouth to an unconscious person. Anyone experiencing symptoms of illness or injury should be removed to comfortable area with fresh air. Review this SDS. Immediate responses to dust inhalation is respiratory system irritation. If significant exposures to high levels of dust occur repeatedly, crystalline silica content of the dust can cause delayed or chronic respiratory illness, such as silicosis and cancer.

Section 5: Fire-Fighting Measures

Product is not combustible and has no flash-point.

5.1 Extinguishing Media: Use extinguishing media suitable for surrounding fire. Finished product is not combustible.

5.2 Special Hazards arising from substance or mixture:

Fire Hazard: Not combustible.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions are not expected to occur under normal conditions.

Section 6: Accidental Release Measures

Spills and leaks are not applicable. Waste concrete should be disposed of in an environmentally friendly manner.

6.1 Personal Precautions: Use appropriate personal protective equipment (PPE). Ventilate area if dust is generated.

6.2 Environmental Precautions: Reuse product as appropriate to avoid disposal.

6.3 Methods and Material for Containment and Clean Up: Contain and collect any solid. Avoid actions to make dust airborne. Do not breathe dust and do not allow large quantities to come in contact with skin.

Section 7: Handling and Storage

No special precautions required. Product is normally shipped in a cardboard box on a pallet. These items should be recycled.

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

Section 8: Exposure Controls/Personal Protection

- Always wear suitable clothing and gloves to minimize contact with skin.
- When cutting is necessary, a properly fitted NIOSH/MSHA dust respirator must be worn and ventilation and dust control measures should be implemented.
- Safety Glasses must be worn during cutting process.

8.1 Appropriate Engineering Controls: Power equipment should have a method of wet dust suppression or dust collection devices if cutting, grinding, or chipping product, where possible. Emergency eyewash equipment should be available in the immediate vicinity of any potential exposure. Use local exhaust, general ventilation, or other methods to maintain dust levels below exposure limits.



Section 9: Physical and Chemical Properties

Physical State:	Solid	Appearance:	Solid. Stones come in range of colors, shapes and sizes.
Boiling Point:	N.A.	Evaporation Rate	N.A.
Vapor Density:	N.A.	Solubility in Water	Not Soluble
Vapor Pressure:	N.A.	pH	N.A.
% Volatile by Vol:	N.A.	Freezing/Melting Point	N.A.
Stability:	Stable	Incompatible Materials:	None Expected
Polymerization:	N.A.	Viscosity:	N.A.
Explosion Data - Sensitivity to Mechanical Impact: Not expected to present an explosion hazard due to impact.			
Explosion Data - Sensitivity to Static Discharge: Not expected to present an explosion hazard due to static discharge.			

Section 10: Stability and Reactivity

Product is a Stable, Inert material.

10.1 Reactivity: Hazardous reactions are not expected to occur under normal conditions.

10.2 Chemical Stability: Stable

10.3 Possibility of Hazardous Reactions: N.A.

10.4 Conditions to Avoid: N.A.

10.5 Incompatible Materials: N.A.

10.6 Hazardous Decomposition Products: N.A.

Section 11: Toxicological Information

Exposure to irritants, silica dust, are most like to happen through inhalation, skin, and eye contact.

Dust from this product may cause irritation to the upper respiratory tract. Prolonged and repeated exposure to the dust could cause silicosis and or chronic lung disease. The dust can contain crystalline silica, which with overexposure to extremely high concentrations is harmful and can cause death. Dust can cause redness in eyes.

Product is not known to be a potential carcinogen by an agency.

Section 12: Ecological Information (non-mandatory)

12.1 Toxicity: No additional information available.

12.2 Persistence and Degradability: Not available.

12.3 Bioaccumulative Potential: Not available.

12.4 Mobility in Soil: Not available.

Section 13: Disposal Considerations (non-mandatory)

Waste concrete should be disposed of in an environmentally friendly manner. Extra material can be reused or recycled as appropriate. Waste is not classified as hazardous. Dispose of waste material in accordance with all local, regional, and national regulations.

Section 14: Transport Information (non-mandatory)

None.

Section 15: Regulatory Information (non-mandatory)

15.1 US Federal Regulations:

Stone, Exempt article

15.2 US State Regulations:

State Right - to - Know Laws, This product, as an article, is exempt from hazardous substance inventory reporting under the Massachusetts, New Jersey and Pennsylvania right - to - know laws.

California Proposition 65- Warning Required: Warning: This product contains crystalline silica and other chemicals known to the state of California to cause cancer, birth defects, and other reproductive harm.

15.3 Canadian Regulations:

DSL. All ingredients are listed or exempt from inclusion on the Canadian Domestic Substances List (DSL)

Section 16: Other Information

Party responsible for preparation of this document:

Castia Stone, Inc.

www.castiastone.com

Limitations:

The information and recommendations set forth in this document are based on data in our possession, and we have reason to believe is accurate. However, it is in the users responsibility to determine the safety, toxicity, or suitability for their own use of the described product. Actions by others is beyond our control and Castia Stone, Inc. makes no warranty expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof.

END of SDS