

BellaStone Material Safety Data Sheet

1. Product and Company Identification

Issued: November 2006 Rev. A

Company Identification

Emergency Telephone Number

Crane Performance Siding
1441 Universal Road
Columbus, Ohio 43207

1-800-998-4891

Trade Name: BellaStone

Chemical Name: Not Applicable (Mixture)

Chemical Family: Polymer, silicon dioxide, polyurethane foam

Synonyms: HDPE, LLDPE, MDPE, polyethylene, sand, cured foam

C.A.S. Registry Number: Not Applicable (Mixture)

Product Use: Exterior wall cladding product

2. Composition/Information on Ingredients

<u>Substance Name</u>	<u>C.A.S. Number</u>	<u>Weight %</u>	<u>OSHA PEL-TWA</u>
Polyethylene	9002-88-4	70-85	15 mg/m ³
Silicon Dioxide	14808-60-7	5-10	10 mg/m ³
Cured Polyurethane Foam	9009-54-5	5-10	N.E.
Misc. Fillers/Colors	Proprietary	5-10	N.E.

N.E. = Not Established

OSHA PEL-TWA: OSHA Permissible Exposure Limit, 8-Hour Time Weighted Average per 29 CFR1910.1000.

Notes: Contains mainly polyethylene plastic, sand, and cured polyurethane foam. It is a finished product made of molded polymer and used as an exterior wall cladding in a wide variety of applications.

3. Hazards Identification

HMIS Ratings Health: 1 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Effects of Overexposure: Inhalation of dust generated during cutting or sawing of product can irritate nose, throat, and respiratory tract, especially in those with asthma or other respiratory conditions

Emergency Response Data: Natural Solid. Exposure to fire can generate toxic fumes of carbon monoxide (CO), nitrogen oxides (NO_x), and hydrogen cyanide (HCN).

4. First Aid Measures

Eye Contact: Following exposure to dust or toxic fumes: Flush thoroughly with water. If irritation occurs, call a physician.

Skin Contact: Exposure to dust not expected to be a problem. If irritation occurs, wash with soap and water.

Inhalation: If respiratory irritation, cough, shortness of breath, wheezing or chest tightness occurs after exposure to dust or fumes, remove from further exposure, seek medical assistance.

Ingestion: Do not induce vomiting. Seek medical assistance.

5. Fire-Fighting Measures

Flash Point: Not established for the product. However, the polyethylene portion of the product has a flash point of 650 F and the polyurethane foam has a flash point of 525 F.

Extinguishing media: Water, dry chemical, foam or carbon dioxide.

Special Fire-fighting Procedures: Use water to keep exposed product cool. Firefighters should use self-contained breathing apparatus.

Special Protective Equipment: Firefighters should use self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: High dust levels may create potential for explosion. Precautions should be taken similar to those for any other combustible material ,e.g., wood or other plastics.

Hazardous Decomposition Products: Carbon monoxide, nitrogen oxides, hydrogen cyanide

6. Accidental Release Measures

Procedures if Material is Released or Spilled: Not Applicable. However, where dusty conditions are created as a result of cutting or sawing, wet sweep or vacuum dust for disposal. Personnel performing cleanup should use protective equipment such as gloves and a dust mask.

Environmental Precautions: Prevent product dust from entering storm sewers or drains and contact with soil.

Personal Precautions: See Section 8

7. Handling and Storage

Handling: No special instructions.

Storage: Store in a manner to prevent possible combustion.

8. Exposure Controls/Personal Protection

Ventilation: Use with adequate ventilation in cutting/sawing operations. No special requirements under ordinary conditions of use and with adequate ventilation.

Respiratory Protection: Approved dust respirators must be used for dusty conditions or if breathing of dusts is likely. No special requirements under ordinary conditions of use and with adequate ventilation. OSHA limit on dust is 15 mg/m³.

Eye Protection: Safety glasses with side shields, or goggles, should be worn to protect against dust particles.

Skin Protection: No special equipment required. However, good personal hygiene practices should always be followed.

9. Stability and Reactivity

Stability (Thermal, Light, Etc.): Stable

Conditions to Avoid: Extreme heat >450 F

Incompatibility (materials to avoid): N.A.

Hazardous Polymerization: Will not occur.

10. Disposal Considerations

Waste Disposal: Dispose of waste in accordance with all federal, state, & local regulations

RCRA Information: The unused product is not specifically listed by the EPA as a hazardous waste (40CFR Part 261ZD), nor is it formulated to contain materials which are listed hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrosivity or reactivity and is not formulated with contaminants as determined by the Toxicity Characteristic Leaching Procedure (TCLP).

11. Transport Information

U.S. DOT: Not Regulated

12. Disclaimer

The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results and assume no liability for damages incurred by the use of this material. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Final determination of suitability of this material is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereafter with respects to the information contained herein or the material to which the information refers. Nothing contained herein is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.

Prepared by: Crane Performance Siding