Boral Stone Products LLC

Material Safety Data Sheet

200 Mansell Court East, Suite 305 Roswell, GA 30076

For additional information contact: Gloria Maese, EH&S Manager 707-256-4249 Date Completed: June 24, 2011 Latest Revision:

SECTION I – PRODUCT IDENTIFICATION

Formula: Mixture

Product Name: Cultured Stone®, ProStone® and Versetta Stone®

Chemical Family: Predominately Silica and Calcium Compounds

SECTION II – HAZARDOUS INGREDIENTS

Ingredients		CAS #	% Weight	Exposure Limits	
				OSHA PEL (mg/m ³)	ACGIH TLV (mg/m ³)
A	Aluminum Oxide	65997-17-3	1 – 5	15 (total); 5 (respirable)	10
S	Silica Sand, Quartz	14808-60-7	0.1 – 1	10 / %SiO ₂ + 2 (respirable)	0.025 (respirable)
S	Silicon Dioxide	1332-09-8	40 – 70	15 (total); 5 (respirable)	10
l	ron Oxide	Various	1 – 5	10 (fume)	5 (fume)
c	Calcium Compounds	Various	10 – 20	5 (respirable)	5 (respirable)

The above chemistries are provided for industrial hygiene and environmental purposes and are not intended to represent product specifications. This information has been compiled from data believed to be reliable. Elements such as aluminum, arsenic, boron, calcium, chromium, cobalt, copper, lead, molybdenum, nickel, tin, titanium, vanadium, and zirconium may be present in trace amounts. This product as shipped does not present an exposure hazard.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: NA	Melting Point: NA	Specific Gravity: 1.7				
Vapor Pressure: NA	Vapor Density: NA	Solubility in Water: Negligible				
Appearance and Odor: Granular solid, essentially odorless.						
SECTION IV - FIRE AND EX	(PLOSION HAZARD DATA	SECTION V – REACTIVITY				
Product as shipped does not po	ose a fire or explosion hazard.	Stone veneer as shipped is not reactive				
SECTION VI – HEALTH HAZARD DATA						
Product as shipped does not present an inhalation, ingestion or contact hazard. However, operations such as sawing and grinding may result in the following effects.						
ACUTE EFFECTS OF OVEREXPOSURE:						
Eye: Dust or chips may cause irritation by abrasion.						
Skin: Dust or chips may cause irritation by abrasion.						
Inhalation: Dust or chips may cause irritation by abrasion.						
ngestion: No known acute effects.						

CHRONIC EFFECTS OF OVEREXPOSURE:

Excessive exposures to respirable particulates (dust) over an extended period of time may result in the development of pulmonary diseases such as pneumoconiosis.

CARCINOGENICITY:

The following carcinogenicity classifications for crystalline silica have been established by the following agencies:

OSHA: Not regulated as a carcinogen IARC: Group 1 carcinogenic in humans NIOSH: Carcinogen, with no further categorization NTP: Known carcinogen

WARNING: Dust from this product may contain crystalline silica, a chemical that has been determined by the agencies listed above to cause cancer. Inhalation of concrete dust above established or recommended exposure levels should be avoided by use of wet sawing or shaping and/or use of a NIOSH and/or MSHA approved respirator.

	SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE						
Ventilation:	Provide adequate ventilation to maintain exposures below the OSHA PEL and ACGIH TLV for quartz and other substances.						
Respiratory Protection:	For airborne concentration exceeding the OSHA PEL or ACGIH TLV use a NIOSH and/or MSHA approved respirator in accordance with a respiratory protection program as required by the OSHA Respirator Standard 29 CFR 1910.134.						
Other Protective Equipment:	Eye and Face: Face shields should be used when sawing the product. Skin: Use gloves and or protective clothing if abrasions or allergic reactions are experienced. Other: Use of steel toe shoes is recommended when handling the product.						
Other controls:	Use of wet sawing methods is recommended anytime that the product must be cut.						
SECTION VIII – FIRST AID AND MEDICAL							
Inhalation:	Remove from exposure to airborne particulates. Consult a physician if breathing does not return to normal.						
	Wash with soap and water. If a skin reaction causes irritation or a rash that does not heal within a few days consult a physician. Treat abrasions as any other scrape or cut with disinfectants and bandages.						
Eye:	Flush with running water. Obtain medical assistance if irritation continues.						
Medical Conditions Aggravated by Exposure:	Excessive dust exposure may aggravate existing respiratory disorders or other sensitivities resulting in irritation to respiratory tract, eyes and skin that may require medical consultation.						
SECTION IX – OTHER REGULATIONS							
	Product in its solid form is typically considered a non-hazardous waste for disposal, but local regulation may vary, therefore all waste must be disposed/recycled/reclaimed in accordance with federal, state, and local environmental control regulations. Water containing roof tile solids, such as from wet sawing operations, should also be disposed of in accordance with federal, state and local environmental regulation.						
EPCRA Section 311/312:	Product as shipped is not a Section 311/312 reportable product.						
EPCRA Section 313:	Product as shipped is not subject to the Section 313, Toxic Chemical Release Inventory reporting requirements.						
DOT:	Product as shipped is not a hazardous material per DOT regulation 49 CFR 172.101.						
SECTION X – OTHER INFORMATION							

Boral Cladding considers our product an "article" as defined in 29 CFR 1200(b)(6)(iv) and 40 CFR 370.13. As an article, an MSDS is not required and the product is exempt from all other requirements of the hazard communication standard. We recommend only wet sawing of the product.

This MSDS was prepared with information believed accurate at the time of preparation and was prepared and provided in good faith. However, Boral Cladding assumes no responsibility as to the accuracy or suitability of such information and no warranty expressed or implied is made.