

Architectural Pavers		Material Safety Data Sheet		
SECTION 1 - IDENTITY				
NAME: StoneBilt Concepts		ADDRESS: 9455 Boston Court, Henderson, CO 80640		
TELEPHONE NUMBER: 303-867-6700	FOR ADDITIONAL INFORMATION CONTACT: StoneBilt Concepts	DATE PREPARED/REVISED: 8/21/2009		
COMMON NAME: (USED ON LABEL) Architectural Pavers		CHEMICAL FAMILY: Dose not apply		
CHEMICAL NAME: Does not apply		FORMULA:		
TRADE NAME & SYNONYMS: Architectural Stone Pavers Architectural Precast Concrete Precast Concrete Products		Mixture of coarse and fine aggregates, Portland cement and water		
SECTION 2 - HAZARDOUS INGREDIENTS				
HAZARDOUS COMPONENT:	CAS # :	% (WT)	TLV	PEL
Sand (quartz)	14808-60-7		0.1 mg/m3	See Notes:
Portland Cement	65997-15-1		10 mg/m3	15 mg/m3
PEL (quartz) = 10 mg/m3 divided by (% respirable quartz + 2) *Represents the respirable fraction				
NOTE: This product contains a toxic chemical or subject to the reporting requirements of section 313 of Title 111 of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.				
PEL: Permissible Exposure Limit established by the Occupation Safety and Health Administration (OSHA)				
TLV: Threshold Limit Value established by the American Conference of Governmental Industrial Hygienists 1987				
SECTION 3 - PHYSICAL DATA				
BOILING POINT: Does not apply		SPECIFIC GRAVITY (H2O=1) 1.9-2.4		VAPOR PRESSURE (mm mg) Dose not apply
PERCENT VOLATILE BY VOLUME (%) 0		VAPOR DENSITY (AIR=1) Does not apply		EVAPORATION RATE: Does not apply
SOLUBILITY IN WATER: Insoluble		REACTIVITY IN WATER: Will not evolve flammable or toxic gases		
APPEARANCE AND ODOR: Solid, stone-like in appearance and normally odorless				
SECTION 4 - FIRE AND EXPLOSION DATA				
FLASH POINT: Will not ignite		FLAMMABLE LIMITS IN AIR (% BY VOLUME) LOWER: Does not apply UPPER: Does not apply		
EXTINGUISHING MEDIA: Does not apply		AUTO IGNITION TEMPERATURE: Does not apply		
UNUSUAL FIRE AND EXPLOSION HAZARDS: None, not combustible				
SPECIAL FIRE FIGHTING PROCEDURES: None, not combustible				

SECTION 5 - HEALTH INFORMATION

PRIMARY ROUTES OF EXPOSURE:

Acute inhalation, skin contact

SIGNS AND SYMPTOMS OF EXPOSURE:

(1) **ACUTE OVEREXPOSURE:** Dusts from this product may cause irritation of the skin, eyes, or nasal passages. Contact of skin or eyes with wet dusts may result in irritation and/or alkali burns.

(2) **CHRONIC OVEREXPOSURE:** Excessive exposure to dusts by inhalation over an extended period of time may result in the development of pulmonary diseases including pneumoconiosis and silicosis. A significant incidence of carcinomas of the lung was induced in rats exposed to quartz dusts. Studies indicate lung cancer occurs more frequently among silicotics than in the general population.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Respiratory disorders or diseases, dermatitis, or other skin disorders may be aggravated by exposure to dusts from product.

CHEMICAL/COMPONENT LISTED AS (POTENTIAL) CARCINOGEN:

Quartz

NTP
YES NO

IARC
 YES NO

OSHA
YES NO

OTHER EXPOSURE LIMITS:

None

EMERGENCY & FIRST AID PROCEDURES:

INHALATION: Remove from exposure. If not breathing, give artificial respiration.

If breathing is difficult, give oxygen, consult a physician.

EYE CONTACT: Immediately flush eyes with large quantities of water for at least 15 minutes.

SKIN CONTACT: Immediately wash skin thoroughly with soap and water.

SECTION 6 - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Does not apply

INCOMPATIBILITY (MATERIALS TO AVOID)

Dust from product is highly alkaline. Contact with strong acids may produce a violent, exothermic reaction and may evolve toxic gases or vapors, depending on the acid involved.

HAZARDOUS POLYMERIZATION:

Will not occur

CONDITIONS TO AVOID:

Does not apply

SECTION 7 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS LEAKED OR SPILLED:

Clean-up of dust may require personal protective equipment to prevent dust exposure and protect against alkali burns or irritation. See Section 8.

WASTE DISPOSAL METHOD:

If this material, as provided by the manufacturer, becomes a waste, it does not meet the criteria of a hazardous waste as defined by the Environmental Protection Agency under the authority of the Resource Conservation and Recovery Act (40 CFR 261) Dispose of in accordance with Federal, State, and Local Regulations.

SECTION 8 - PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

NIOSH/MSHA approved dust respirators for conditions where dust levels exceed or are likely to exceed approximate exposure limits.

VENTILATION:

General or local exhaust to maintain exposure below TLV/PEL

PROTECTIVE GLOVES:

Rubber, PVC, Neoprene, or other impervious material.

EYE PROTECTION:

Safety Glasses or Goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Rubber high top boots, arm sleeves and apron, when necessary to prevent skin contact with dusts from this product.

SECTION 9 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING:

This product is included in the definition of an ' Article ' as described in the Hazard Communication Standard (29 CFR 1910.1200). Under conditions of normal use, the product does not release, or otherwise result in exposure to a hazardous chemical.

OTHER PRECAUTIONS:

Cutting, grinding or sawing of this product is not considered normal use, and may result in exposure of hazardous dusts.

SECTION 10 - INFORMATION CONTAINED

THE INFORMATION CONTAINED WITHIN WAS OBTAINED FROM AUTHORITATIVE SOURCES AND IS BELIEVED TO BE ACCURATE FOR THE MANNER IN WHICH THE PRODUCT IS INTENDED TO BE USED. OTHER USES COULD RESULT IN CONSEQUENCES WHICH ARE NOT CONSIDERED WITHIN THIS DOCUMENT.