



Material Safety Data Sheet

Trade Name: Boston Valley Terra Cotta	Emergency Telephone No: 716-649-7490
Chemical Name: Alumina-Silicate Terra Cotta Stone	Synonyms: Boston Valley Terra Cotta
Architectural Building Facing and Veneer	

1. Hazardous Ingredients

Material:	%	ACGIH (TLV)	OSHA
This product is an article and presents no chemical hazard as such. However, grinding, sawing, crushing or similar activity could release free silica dust. The free silica levels are estimated at 10%.	10	30 Mg./M ³	N/A

2. Physical Data:

Appearance: Shaped Solid Terra Cotta, Various Colors	Odor: None	Melt Point: 2975° F.	Specific Gravity: 2.5
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Vapor Density (Air-1) N/A	% Volatile By Volume: N/A	Bulk Density: N/A	Boiling Point: N/A
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Vapor Pressure: N/A	% Solubility (H ₂ O) N/A
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3. Fire and Explosion Hazard Data:

Flash Point Method: 2975° F.

Extinguishing Media: N/A

Flammable Limits: LEL: N/A UEL: N/A
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Special Fire Fighting Procedures: N/A
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Unusual Fire and Explosion Hazards: N/A
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4. Physiological Effects:

LD50 Oral (Ingestion):	LD50 Dermal (Skin Contact):	LC30 (Inhalation):

Primary Route of Exposure:
Breathing

Threshold Limit Value:
30 Mg./M ³

Effects of Overexposure:

Acute:

Chronic:
Federal exposure limits (for respirable silica dust – that portion, under law, which is less than 10 millionths of a meter (10 microns in diameter) are 10 milligrams per cubic meter of air (Mg./M ³) divided by the % silica ½ averaged over an eight-hour shift for quartz. For total silica dusts, use 30 Mg./M ³ . Long term exposure above TLV's can lead to chronic lung disease (silicosis).

5. Emergency and First Aid Procedures:

N/A

6. Physical Hazards:

N/A

7. Special Protection Information:

Ventilation:
Adequate to keep below Federal TLV's.

Respiratory:
NIOSH or MSHA approved respirators (for dust)

Eye Protection:
Goggles or safety glasses.

Protective gloves:
Work gloves.

All chemicals should be handled so as to prevent eye contact and excessive or repeated skin contact. Appropriate eye and skin protection should be employed. Inhalation of dusts and vapors should be avoided.



8. Chemical Reactivity:

Conditions causing instability: N/A	Incompatibility Materials to Avoid: N/A
Hazardous Decomposition Products: N/A	Special Sensitivity: N/A

9. Storage Information:

Precautions to be taken in handling and storing: N/A

10. Spill, Leak, and Disposal Information:

Steps to be taken in case material is spilled or released: Dispose of in accordance with local, state and federal regulations.
EPA ACRA ID Number: N/A
Waste Disposal Method: N/A

11. Shipping Information:

DOT Shipping Name: N/A	Technical Shipping Name: N/A
DOT Hazard Classification: Primary: N/A Secondary: N/A	
Freight Classification N/A	UN Number N/A
IMO Hazard Class N/A	DOT Labels Required N/A
EPA/DOT Hazardous Substances RQ N/A	

12. Other Government Regulations:

N/A

13. Additional Comments:

N/A

N/A = Not Applicable