

Material Safety Data Sheet
 OSHA Hazard Communication Standard
 CFR 1910.1200

Product Trade Name:
Cast Stone

Section I - Identity		
Manufacturer Name:	AHI Supply, Inc. P.O. Box 884 Friendswood, Texas 77546	Emergency Telephone No. 800.873.5794 Information Telephone No. 800.873.5794 Date Prepared 8/18/1994 Rev. 05/29/2002

Section II - Hazardous Ingredients / Identity Information	
Common Name: Cast Stone, Precast Cement	
Chemical Family: Calcium Silicates, Aluminates Ferrites Gypsum	
Ingredients: Portland Cement, Sand (cilica) , trade secret	
Hazardous ingredients: (none known) portland cements are classified by OSHA (29 CFR 1910.1000, Table 23), MSHA (30 CFR 55.5-1, Ref. 2), ACGIH (TLV's for 1973, Appendix E), and ACGIH (TLV's for 1985-5, Appendix D) as nuisance dusts; they are neither hazardous nor toxic; portland cements are not listed by NTP, IARC, or OSHA as containing carcinogens Sand (cilica)	

Section III - Physical and Chemical Characteristics			
Evaporation Rate			
Boiling Pt. (F)	Vapor Pressure (mm/Hg)	Vapor Density (air=1) (butyl acetate=1)	
N/A	N/A	N/A	N/A
Specific Gravity	% Volatile	Solubility in Water	Appearance
3.0 to 3.2	N/A	Slight - 0.1 to 1.0%	gray powder/misc.

Section IV - Fire and Explosion Hazard Data			
Flash Point (Method Used)	N/A	LEL	N/A
Flammable Limits	N/A	UEL	N/A
Extinguishing Method	N/A		
Special Fire Fighting Procedures	N/A (cast stone is non-combustible nor explosive)		

Section V - Reactivity Data			
Stability	Unstable		Conditions to Avoid :
	Stable	X	
Hazardous Decomposition or Byproducts :	None		
Incompatibility:	None		
Hazardous Polymerization :	Will not occur		

Section VI - Health Hazard Data: Hazardous only when dry cutting or pulverizing						
Route(s) of Entry	Inhalation	<u>Yes</u>	Skin/Eyes	<u>Yes</u>	Ingestion	<u>Yes</u>
Carcinogen Information	None Listed					
Health Conditions Aggravated by Overexposure	Eye/Upper respiratory infections; dermatitis					
Effects of Over Exposure	Wet cement can dry skin and cause alkali burns; cement dust can irritate eyes and upper respiratory system					
Chronic Over Exposure	Cement dust can inflame lining tissue of the nose and inflame cornea; hypersensitive persons may develop allergic dermatitis					

Section VI - Health Hazard Data (Continued)	
Eye Contact	Exposure to airborne dust may cause immediate or delayed irritation or inflammation. Eye contact by large amounts of dry powder or splashes of wet cement may cause effects ranging from moderate eye irritation to chemical burns and blindness.
Skin Contact	Avoid any contact with wet or dry cement, as skin may not show any signs of injury or illness until hours after exposure, when significant injury has occurred. Dry cement may cause drying of the skin, resulting in mild irritation. Dry cement on wet skin or exposure to moist or wet cement may cause more severe effects including thickening, cracking, or fissuring of the skin. Prolonged exposure may cause chemical burns. Some individuals may show allergic reactions ranging from mild rash to severe skin ulcers. This may occur at the first exposure to cement or after years of exposure.
Inhalation	Cement may contain trace amounts of free crystalline silica, which after prolonged exposure may aggravate other lung conditions or it may cause silicosis, a disabling and potentially fatal lung disease. Exposure to cement may cause irritation to the moist mucous membranes of the nose, throat, and upper respiratory system and may leave unpleasant deposits in the nose.
Ingestion	Although small quantities of the dust are not known to be harmful, ill effects are possible if larger quantities are consumed. Cement should not be eaten.
Emergency First Aid Procedures	
Eye Contact	Irrigate eyes immediately and repeatedly with water for 15 minutes. Be sure to flush under eyelids. Seek medical attention immediately.
Skin Contact	Wash exposed skin areas with cool water and ph-neutral soap or mild detergent for use on skin. Seek medical attention for exposure to moist or wet cement, if adverse affects occur.
Inhalation	Remove to fresh air. Seek medical help if coughing and other symptoms do not subside. Inhalation of gross amounts of cement requires immediate medical attention.
Ingestion	Do not induce vomiting. If conscious, have the victim drink plenty of water and call a physician immediately.

Section VII - Special Precautions for Safe Handling, Use and Spill / Leak Procedures	
Precautions for Handling and Storing	None
Spill or Leak Procedures	Use dry cleanup methods that do not disperse the dust into the air; avoid breathing dust; emergency procedures are not required
Waste Disposal Method	Material can be disposed of as common waste or returned to the container for later use if not contaminated

Section VIII - Special Protection Information, Control Measures	
Respiratory Protection :	NIOSH-approved respirator recommended
Ventilation :	Use local exhaust to control airborne dust levels
Protective Clothing :	Boots and protective clothing when working with wet cement
Protective Gloves :	Can be used when working with wet cement
Eye Protection :	Goggles
Other Protective Equipment :	Barrier creams for skin protection

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