## Material Safety Data Sheet

OSHA Hazard Communication Standard CFR 1910.1200

## Product Trade Name: Cast Stone

## Section I - Identity

Manufacturer Name: AH P.C Alv

AHI Supply, Inc. P.O. Box 2789 Alvin, Texas 77512 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 P	ressure (mm/H	g) Vapor Density (air=1)	(butyl acetate=1)
N/A		N/A	N/A	N/A
Specific Gra	avity %	Volatile	Solubility in Water	Appearance
3.0 to 3.1	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	х		
Hazardous D	ecomposition o	or Byproducts	None	
Incompatibilit	y:		None	
Hazardous Polymerization :			Will not occur	

Section VI - Health Hazard Data: Hazardous only when dry cutting or pulverizing						
Route(s) of Entry	Inhalation	Yes	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 caus respiratory system	e alkali bu	rns; cement	dust can irrit	ate eyes a	and upper	
Chronic Over Exposure Cement dust can inflame lining tiss develop allergic dermatitis	sue of the r	nose and inf	ame cornea;	; hyperser	nsitive person	is may

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 F	irst 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	

THE DATA IN THIS DOCUMENT IS PROVIDED WITHOUT ANY REPRESENTATION OF WARRANTY, EXPRESSED OR IMPLIED, REGARDING ITS ACCURACY OR CORRECTNESS. NO WARRANTY, EXPRESSED OR IMPLIED, OF MERCHANT ABILITY OR FITNESS OR OF ANY NATURE IS MADE WITH RESPECT TO ANY PRODUCT REFERRED TO HEREIN. AHI D<sup>1</sup> NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIMS LIABILITY FOR LOSS, DAMAGE, OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THE PRODUCTS REFERRED TO HEREIN.

DISCLAIMER OF LIABILITY: The data contained herein is furnished gratuitously and independently of any sale of any product. It is supplied only for your investigation and possible independent verification. While the data is believed to be correct, AHI makes no representation as to the accuracy of any of the data contained herein. In no event shall AHI be responsible for any damages of any nature whatsoever, directly or indirectly resulting from the publication, use or reliance upon any of the data contained herein. You are encouraged to find anyone working with or exposed to such products of the information contained in the applicable data sheets.