

**KILN WASH/KILN WASH PORCELANITE****Material Safety Data Sheet**

May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements.

**U.S. Department of Labor**  
Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

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IDENTITY (As Used on Label and List)

KILN WASH, KILN WASH-PORCELANITE

Note: Blank spaces are not permitted. If any item is not applicable, or no  
information is available, the space must be marked to indicate that.

**Section I**

Manufacturer's Name Standard Ceramic Supply Co.  
Division of Chem Clay Corp.

Emergency Telephone Number  
412/276-6333

Address (Number, Street, City, State, and ZIP Code)  
P. O. Box 4435

Telephone Number for Information  
412/276-6333

Pittsburgh, PA 15205

Date Prepared  
12/1/88

Signature of Preparer (optional)

**Section II -- Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
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Formula:  $H_2Al_2Si_2O_9SiO_2$ 

CAS# 1332-58-7 HYDROUS ALUMINA SILICATE

CAS# 14808-60-7 SILICA QUARTZ, SILICON DIOXIDE

**Section III -- Physical/Chemical Characteristics**

Boiling Point	N/A	Specific Gravity ( $H_2O = 1$ )	2.56
Vapor Pressure (mm Hg)	N/A	Melting Point	above 3000°
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	
Solubility in Water	N/A		

Appearance and Odor  
White powder, no odor

**Section IV -- Fire and Explosion Hazard Data**

Flash Point (Method Used)	Flammable Limits	LEL	UEL
Non flammable	N/A	--	--

Extinguishing Media  
N/A

Special Fire Fighting Procedures  
N/A

Unusual Fire and Explosion Hazards  
N/A

## Section V -- Reactivity Data

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Stability	Unstable		Conditions to Avoid
	Stable	X	N/A

Incompatibility (Materials to Avoid)

None known

Hazardous Decomposition or Byproducts

None

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	Avoid inhalation & ingestion

## Section VI -- Health Hazard Data

Route(s) of Entry: Inhalation? Ingestion?

Health Hazards (Acute and Chronic)

Short term-none

Long term-repeated, prolonged inhalation of dust may cause silicosis, a chronic disease of the lungs marked by acute fibrosis.

Carcinogenicity: NTP? IARC Monographs? OSHA Regulated?

Signs and Symptoms of Exposure

Medical Conditions

Generally Aggravated by Exposure Continued inhalation of dust may in time aggravate silicosis

Emergency and First Aid Procedures

Inhalation: move to fresh air Eye contact: flush with water  
 Skin contact: wash with water  
 Consult physician and/or obtain competent medical assistance as needed

## Section VII -- Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

If uncontaminated, recover and reuse.  
 Be sure to clean up area and wash down.

Waste Disposal Method

If contaminated, collect in suitable containers for disposal.

May be buried in approved land disposal facility in accordance with federal, state, & local regulations.

Precautions to Be Taken in Handling and Storing

Store in suitable covered container.

Avoid breathing dust. Avoid eating or smoking until after wash up.

Other Precautions

Use approved NIOSH/MSHA respirator if dust is present.

## Section VIII -- Control Measures

Respiratory Protection (Specify Type)

Use approved NIOSH/MSHA respirator

Ventilation	Local Exhaust	Recommended	Special
	Mechanical (General)		Other

Protective Gloves

Optional

Eye Protection

Optional

Other Protective Clothing or Equipment

None required.

Work/Hygiene Practices

Avoid dust inhalation and ingestion. Avoid eating or smoking until after wash up.