

# SAFETY DATA SHEET — 16 Sections

## SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier <b>Kiln Cement #85820</b>		[WHMIS Classification]	
Product Use <b>Fire brick repair</b>			
Manufacturer's Name <b>Seattle Pottery Supply</b>		Supplier's Name <b>Seattle Pottery Supply</b>	
Street Address <b>35 South Hanford St</b>		Street Address <b>35 South Hanford St</b>	
City <b>Seattle</b>		State <b>WA</b>	
City <b>Seattle</b>		State <b>WA</b>	
Postal Code <b>98134</b>	Emergency Telephone Local Poison Control Center	Postal Code <b>98134</b>	Emergency Telephone Local Poison Control Center
Date MSDS Prepared <b>4/20/17</b>	MSDS Prepared By <b>J Lunz</b>		Phone Number <b>206-587-0570</b>

## SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients ( <i>specific</i> )	%	CAS Number
Water	48-54	7732-18-5
Clay/Kaolin	35-40	1332-58-7
Sodium Silicate	<3%	6834-92-0

## SECTION 3 — HAZARDS IDENTIFICATION

Potential Health Effects
Crystalline silica as an inhalation hazard may be present if dried glaze is excessively handled and allowed to create dust. Mist is present after spray application.

Route of Entry     Skin Contact     Skin Absorption (NA)     Eye Contact     Inhalation (Mist)     Ingestion

[Emergency Overview]

## SECTION 4 — FIRST AID MEASURES

Skin Contact	Wash with soap and water.
Eye Contact	



Eye Contact

Flush with water

Inhalation

Unlikely as does not contain volatile substances

Ingestion

Do not induce vomiting, give a few small glasses of water or milk

## SECTION 5 — FIRE FIGHTING MEASURES

Flammable <b>X</b> No	If yes, under which conditions?	
Means of Extinction		
Flashpoint (° C) and Method	Upper Flammable Limit (% by volume)	Lower Flammable Limit (% by volume)
Autoignition Temperature (°C)	Explosion Data — Sensitivity to Impact	Explosion Data — Sensitivity to Static Discharge
Hazardous Combustion Products		
[NFPA]		

## SECTION 6 — ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures
None

## SECTION 7 — HANDLING AND STORAGE

Handling Procedures and Equipment
Ventilation- local exhaust if spray application
Storage Requirements
Conditions for safe storage including incompatibilities- none.

## SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits <input type="checkbox"/> ACGIH TLV <input type="checkbox"/> OSHA PEL <input type="checkbox"/> Other ( <i>specify</i> )
Specific Engineering Controls ( <i>such as ventilation, enclosed process</i> ) Engineer Control: Adequate ventilation if spray application
non-hazardous mixtures of ceramic materials containing water, , clay, other minerals
These mixtures have no TLV or PEL.
Personal Protective Equipment <b>X</b> Gloves <b>X</b> Respirator <b>X</b> Eye <input type="checkbox"/> Footwear <b>X</b> Clothing <input type="checkbox"/> Other
If checked, please specify type Clothing-Clean protective aprons, smocks or overalls. Gloves-normally needed
Respiratory protection- spray application use NIOSH approved
Eye Protection- Use appropriate eye protection to keep mist out of eyes if spray application

## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State Liquid Mixture	Odour and Appearance None/Liquid	Odour Threshold (ppm) Negligible
Specific Gravity N/A	Vapour Density (air = 1) N/A	Vapour Pressure (mmHg) N/A
Evaporation Rate None	Boiling Point (° C) 100C/212F	Freezing Point (° C) 0C/32F
pH N/A	Coefficient of Water/Oil Distribution N/A	[Solubility in Water] N/A

## SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions?
Incompatibility with Other Substances <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, which ones?

Avoid-Fumes from firing in kiln, mist created from spray application.

Reactivity, and under what conditions?

None known

Hazardous Decomposition Products

None known

## SECTION 11 — TOXICOLOGICAL INFORMATION

-Primary routes of entry: dermal, inhalation

-Hazard to humans: None during normal use.

- water based premixed products should be nontoxic during normal use

Irritancy of Product

Skin sensitization N/A	Respiratory sensitization N/A
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Carcinogenicity-IARC N/A	Carcinogenicity - ACGIH N/A
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Reproductive toxicity N/A	Teratogenicity N/A
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Embrototoxicity N/A	Mutagenicity
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Name of synergistic products/effects

