SAFETY DATA SHEET — 16 Sections

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier Kiln Cement #	85820			[WHMIS Classification)	
Product Use Fire brick repair					
Manufacturer's Name Seattle Pottery	Supply		Supplier's Name Seattle F	Pottery Supply	
Street Address 35 South Hanford St		Street Address 35 South Hanford St			
^{City} Seattle		State WA	City Seattle		State WA
Postal Code 98134	Emergency Local Poison (Center		Postal Code 98134	Emergency 1 Local Poisor Center	
Date MSDS Prepared 4/20/17		MSDS Prepared By J Lunz		Phone Number 206-587-0570	

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

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

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 Abs

Skin Absorption (NA) 🖶 Eye Contact

Inhalation (Mist)

[Emergency Overview]

SECTION 4 — FIRST AID MEASURES

Skin Contact

Wash with soap and water.



Unlikely as does not contain volatile substances

Ingestion

Inhalation

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

SECTION 5 — FIRE FIGHTING MEASURES

Flammable X 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			
🗖 ACGIH TLV	🗇 OSHA PEL	Other (spec)	ify)
Specific Engineering Controls (such as ventilation, enclosed process) Engineer Control: Adequate ventilation if spray application			
non-hazardous mixtures of ceramic materials containing water minerals	r, , clay, other		
These mixtures have no TLV or PEL.			
Personal Protective Equipment X Gloves X Respirator X Eye	D Footwear	X Clothing	Other
If checked, please specify type Clothing-Clean protective aprons, smocks or overalls. Glove needed	s-normally		
Respiratory protection- spray application use NIOSH approved			
Eye Protection- Use appropriate eye protection to keep mist out application	of eyes if spray		

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

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

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability	If no, under which conditions?
Xyes 🗖 No	
Incompatibility with Other Substances	If yes, which ones?
🗇 Yes 🗙 No	
Avoid-Fumes from firing in kiln, mist created	d from spray application.
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Reactivity, and under what conditions?

None known

Hazardous Decomposition Products

None known

SECTION 11 — TOXICOLOGICAL INFORMATION

-Primary rotes 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	
Carcinogenicity-IARC N/A	Carcinogenicity - ACGIH N/A	
Reproductive toxicity N/A	Teratogenicity N/A	
Embrotoxicity N/A	Mutagenicity	
Name of synergistic products/effects		

[Aquatic Toxicity]

Ecotoxicity=None, Biodegradability: No, Persistence: Yes, Bioaccumulation: No

SECTION 13 — DISPOSAL CONSIDERATIONS

Waste Disposal

Follow local, state, and federal regulations

SECTION 14 — TRANSPORT INFORMATION

Special Shipping Information

Non-hazardous mixtures

				^{PIN} N/A
TDG	None	[DOT]	N/A	
[IMO]	None	[ICAO]	N/A	

SECTION 15 — REGULATORY INFORMATION

[OSHA]	Silica (Quartz), are listed on the carcinogen list	
[SERA]	Section 313 toxic chemicals: None	
[TSCA]	All components are on the TSCA Inventory	

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.

SECTION 16 — OTHER INFORMATION

The glazes do not contain ingredients from nuts, peanuts, eggs, milk, latex, or gluten. This information is furnished without warranty, representation, inducement, or license of any kind, except that it is accurate to the best knowledge of Seattle Pottery Supply Inc., or obtained from sources believed to be accurate. Seattle Pottery Supply does not assume any legal responsibility for use or reliance on same. Customers should conduct their own tests before using any product.