

SAFETY DATA SHEET — 16 Sections

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier Ceramic Glaze		[WHMIS Classification]	
Product Use Glazing of Ceramic Ware			
Manufacturer's Name Seattle Pottery Supply		Supplier's Name Seattle Pottery Supply	
Street Address 35 South Hanford St		Street Address 35 South Hanford St	
City Seattle		State WA	City Seattle
Postal Code 98134	Emergency Telephone Local Poison Control Center	Postal Code 98134	Emergency Telephone Local Poison Control Center
Date MSDS Prepared 4/20/17		MSDS Prepared By J Lunz	Phone Number 206-587-0570

Product Identifier Codes: 85554-Cermic Wash Iron Black, 85552-Ceramic Wash Iron Red, 85556-Ceramic Wash Cobalt Blue, 85560-Grey Green, 85562-Black, 85565-Dark Blue, 85567-Yellow, 85573-White Opaque, 85574-Light Blue, 85588-LF Meadow Green, 85589-LF Calabash/Gold, 85593-LF Turquoise, 85595-LF Coral, 85596-LF French Green, 85597-LF Primrose Yellow, 85598-LF Walnut Brown, 85599-LF Clear, 85630-LF Charcoal, 85631- LF Navajo Blue, 85632-LF Gray, 85633-LF Pampas Grass, 85634-LF Earth Brown, 85635-LF Rustic Blue, 85636-LF Turquoise, 85637-LF Lemon Drop, 85638-LF Pink, 85639-LF White, 85642-Black, 85644-Copper Green, 85645-Dark Blue, 85646-Turquoise, 85647-Yellow, 85648-Brownish Green, 85649-Chrome Green, 85650-Iron Tan, 85651-Off White, 85653- White Opaque, 85654-Light Blue, 85969-HF Jade, 85971-HF Sapphire(Blue), 85972-HF Dessert Rose, 85975-HF Clear

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
Bentonite	.4-.6	1302-78-9
Zirconium Silicate	0-7	1490-68-2
Carboxymethylcellulose	.5-.8	9004-34-2
Pigments	Varies	Varies

SECTION 3 — HAZARDS IDENTIFICATION

Route of Entry	<input checked="" type="checkbox"/> Skin Contact	<input type="checkbox"/> Skin Absorption (NA)	<input checked="" type="checkbox"/> Eye Contact	<input checked="" type="checkbox"/> Inhalation (Mist)	<input checked="" type="checkbox"/> Ingestion
[Emergency Overview]					
Glaze is a mixture of ceramic material, clay, nonleaded frits, minerals, and color pigments.					
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.					



SECTION 4 — FIRST AID MEASURES

Skin Contact

Wash with soap and water.

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 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	<input type="checkbox"/> ACGIH TLV	<input type="checkbox"/> OSHA PEL	<input type="checkbox"/> Other (specify)
Specific Engineering Controls (such as ventilation, enclosed process) Engineer Control: Adequate ventilation if spray application			
Glazes are non-hazardous mixtures of ceramic materials containing water, nonleaded frits, clay, other minerals and color pigments.			
These mixtures have no TLV or PEL.			
Personal Protective Equipment X Gloves X Respirator X Eye <input type="checkbox"/> Footwear X 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. The highest threat of inhalation exists during the excessive handling of dried unfired glazeware or during spray application

-These 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
---------------------------	--------------------

Embrototoxicity N/A	Mutagenicity
---------------------	--------------

Name of synergistic products/effects

SECTION 12 — ECOLOGICAL INFORMATION

[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), Titanium Dioxide, Cobalt, Nickel and Chromium are listed on the carcinogen list
[SERA]	Section 313 toxic chemicals: None
[TSCA]	All components are on the TSCA Inventory
<i>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.</i>	

SECTION 16 — OTHER INFORMATION

<p>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.</p>