

MATERIAL DATA SAFETY SHEET

SECTION 1 - IDENTIFICATION OF SUBSTANCE/COMPANY PREPARING INFORMATION

Product Name: HIGH FIRE GLAZE (HF Series)
Distributor's Name: CAMPBELL'S CERAMIC SUPPLY COMPANY, INC
 4231 Carolina Ave, Richmond, VA 23222
Emergency (U.S.) Phone Numbers: 804 329-8109 **Non-Emergency (U.S.) Phone Number:** NA
Use: Ceramic Glaze **Preparation Date:** July 23, 2002 **Supersedes Date:** NA

SECTION 2 - COMPOSITION/INGREDIENTS

INGREDIENTS	CAS	Maximum %	ACGIH TLV	OSHA PEL
Water	7732-18-5	NA	NA	NA
Clay/Kaolin	1332-58-7	<10.0	2 mg/m3	2 mg/m3
Silica	14808-60-7	<20.0	0.1 mg/m3	0.1 mg/m3
Calcium Carbonate	1317-65-3	<10.0	10 mg/m3	15 mg/m3
Frit (leadless)	65997-18-4	<75.0	NA	NA
Talc	14807-96-6	<20.0	2 mg/m3	2 mg/m3
Aluminum Magnesium Silicate	12199-37-0	<2.0	NA	NA
Zirconium Silicate	10101-52-7	<11.0	10 mg/m3	15 mg/m3
Titanium Dioxide	1317-80-2	<11.0	10 mg/m3	15 mg/m3
Carboxymethylcellulose	9004-32-4	<1.0	10 mg/m3	15 mg/m3
Manganese Dioxide	1313-13-9	<2.0	0.2 mg/m3 as Mn	5 mg/m3 as Mn
Iron Oxide	1317-60-8	<15.0	5 mg/m3 as Fe	10 mg/m3 as Fe
Wollastonite	13983-17-0	<11.0	NA	NA
Tin Oxide	18282-10-5	<5.0	2 mg/m3	2 mg/m3
Pigments	various	<1-11	NA	NA

SECTION 3 - HAZARD IDENTIFICATION

Crystalline silica (quartz) may be present (OSHA PEL -0.1 mg/m³)
 Primary Route of Entry - Dermal, Inhalation if glaze is sprayed

SECTION 4 - FIRST-AID MEASURES

If Inhaled - Remove from exposure.
If on Skin - Wash skin with soap and water.
If in Eyes - Flush eyes with large quantities of water for at least 15 minutes. If irritation is present after washing, contact a physician.
If Swallowed - Dilute by drinking water.

SECTION 5 - FIRE-FIGHTING MEASURES

Special Fire-Fighting Procedure - None Unusual Fire or Explosion Hazards - None
 Extinguishing Media - None Hazardous Combustion Products - None

SECTION 6 - ACCIDENTAL RELEASE MEASURES

None

SECTION 7 - HANDLING AND STORAGE

Engineer Control - None Procedure/Equipment - None
 Work Practices - None Procedures for Leaks or Spills - None

SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Measures – Adequate ventilation (local exhaust) if sprayed

Personal Protective Equipment - For spray application – eye protection and respirators and protective clothing such as aprons

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance – Colored liquid
Odor and Odor Threshold – Negligible
PH – NA
Boiling Point - None
Vapor Pressure – NA
Vapor Density – NA
Melting/Softening Point – NA
Specific Gravity – Unknown
Flammable Limits – None

Explosive Properties - None
Partition Coefficient - None
Oxidizing Properties - None
Solubility in Water - Yes
Percent Volatile - None
Evaporation Rate - None
Freezing Point - NA
Flash Point - None
Auto-Ignition Temperature - None

SECTION 10 – STABILITY AND REACTIVITY

Stability – Stable
Hazardous Decomposition Products – NA
Incompatibility – None

Hazardous Polymerization - None
Conditions to Avoid - Fumes from firing in kiln

SECTION 11 – TOXICOLOGICAL INFORMATION

Hazard to Humans - None during normal use. Inhalation if sprayed

Animal Experiment -

Acute - None **Chronic/Other --** None in not inhaled

Additional Information This material contain silica a know carcinogen (by inhalation). Manganese is a potential neurotoxic agent.

SECTION 12 – ECOLOGICAL INFORMATION

--- None

SECTION 13 – DISPOSAL INFORMATION

-- - Follow Local, State And Federal Regulations

SECTION 14 – TRANSPORTATION INFORMATION

None

SECTION 15 – REGULATORY INFORMATION

Silica is listed by California *Proposition 65*.
Silica is listed on the IARC, OSHA, or NTP carcinogen list.
All ingredients are on U.S. TSCA inventory.
SARA Section 313 - Chromium, Zinc
See local requirements.

SECTION 16 – OTHER INFORMATION

Regulated for use in art and craft by CPSC (LHAMA)
