

MATERIAL DATA SAFETY SHEET

SECTION 1 - IDENTIFICATION OF SUBSTANCE/COMPANY PREPARING INFORMATION

Product Name: HF 31 OLD BRONZE GLAZE
Distributor's Name: CAMPBELL'S CERAMIC SUPPLY COMPANY, INC
4231 Carolina Ave, Richmond, VA 23222
Emergency (U.S.) Phone Numbers: 804 329-0109 **Non-Emergency (U.S.) Phone Number:** NA
Use: Ceramic Glaze **Preparation Date:** July 22, 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	< 54.0	2 mg/m3	2 mg/m3
Silica	14808-60-7	< 4.0	0.1 mg/m3	0.1 mg/m3
Copper Oxide	1317-39-1	< 4.0	0.2 mg/m3 as Cu	1 mg/m3 as Cu
Cobalt Oxide	1308-06-1	< 2.5	0.02 mg/m3 as Co	0.1 mg/m3 as Co
Manganese Dioxide	1313-13-9	< 4.0	0.2 mg/m3 as Mn	5 mg/m3 as Mn

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	Explosive Properties - None
Odor and Odor Threshold - Negligible	Partition Coefficient - None
pH - NA	Oxidizing Properties - None
Boiling Point - None	Solubility in Water - Yes
Vapor Pressure - NA	Percent Volatile - None
Vapor Density - NA	Evaporation Rate - None
Melting/Softening Point - NA	Freezing Point - NA
Specific Gravity - Unknown	Flash Point - None
Flammable Limits - None	Auto-Ignition Temperature - None

SECTION 10 - STABILITY AND REACTIVITY

Stability - Stable	Hazardous Polymerization - None
Hazardous Decomposition Products - NA	Conditions to Avoid - Fumes from firing in kiln
Incompatibility - None	

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). Cobalt is also considered an animal carcinogen, an allergic agent and may damage kidneys. 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

Cobalt oxide and Silica are listed by California Proposition 65.
Cobalt oxide and Silica are listed on the IARC, OSHA, or NTP carcinogen list.
All ingredients are on U.S. TSCA inventory.
SARA Section 313 -Cobalt, Nickel
See local requirements.

SECTION 16 - OTHER INFORMATION

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