

SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION OF SUBSTANCE AND COMPANY PREPARING INFORMATION

Identity: Pottery Glazes

Code: NTG 9316-9324

Uses: Glaze for ceramic use

Manufacturer's Name: Gare Inc.,

Address: 165 Rosemont St., Haverhill, MA 01832

Tel Phone: 978-373-9131 **Emergency Tel:** Regional Poison Control Center

SECTION 2 - HAZARD IDENTIFICATION

Mixture is considered non-hazardous. Contains small amounts of potential carcinogens: Crystalline silica (quartz) may be present (~7% in product). Mixture is judged to be non-hazardous based on acute known toxicity of ingredients

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Pottery Glazes are non-hazardous water based mixtures of ceramic material containing non-lead frits, clay, and other minerals and color pigments (see below).

<u>Ingredients</u>	<u>CAS #</u>	<u>Ranges of Percentages</u>
Water	7732-18-5	45.3%- 47.3%
Frit	65997-18-4	29.8%- 32.1%
Clay/Kaolin	1332-58-7	2.9%- 10.9%
Silica (Quartz)	14808-60-7	0.0%- 3.1%
Aluminum Oxide	1344-28-1	0.0%- 1.9%
Calcium Carbonate	471-34-1	0.0%- 0.8%
Bentonite	1302-78-9	0.4%- 0.5%
Carboxymethylcellulose	9004-34-2	0.5%- 0.6%
Pigments	varies	varies

SECTION 4 – FIRST-AID MEASURES

Inhalation: May cause irritation, remove from exposure.

Skin: May cause irritation, Wash skin with soap and water.

Eye: May cause irritation, Flush eyes with large quantities of water for at least 15 minutes. If irritation is present after washing, contact a physician.

Ingestion: Contact a physician

SECTION 5 – FIRE-FIGHTING MEASURES

Special Fire-Fighting Procedure – None
Extinguishing Media – None

Unusual Fire or Explosion Hazards - None
Hazardous Combustion Products - None

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Inhalation: May cause irritation, remove from exposure.

Skin: May cause irritation, Wash skin with soap and water.

Eye: May cause irritation, Flush eyes with large quantities of water for at least 15 minutes. If irritation is present after washing, contact a physician.

Ingestion: Contact a physician

SECTION 7 – HANDLING AND STORAGE

When used according to the label directions and fired in a ceramic kiln they produce a smooth glaze (glass-like) finish on formed and bisqued ceramic articles.

Precautions for safe handling: None Procedure/Equipment - None

Work Practices - None

Conditions for safe storage: None

Procedures for Leaks or Spills - None

SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Limits - These non-hazardous liquids are water based mixtures of ceramic material containing non-lead frits, clay, silica and other minerals and color pigments. These mixtures have no TLV or PEL
Engineer Control – 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 –liquid
Upper/Lower Explosive Limits - None
Odor and Odor Threshold – Negligible Partition Coefficient(octanol/H₂O)-NA
Flash Point - None Flammability– None
pH – NA Decomposition Temperature - None
Boiling Point/Boiling Range - None Solubility in Water- Partial
Vapor Pressure – N/A Viscosity - NA
Vapor Density – N/A Evaporation Rate - None
Vapor Density – N/A Evaporation Rate - None
Melting/Softening Point – N/A Auto-Ignition Temperature - None
Specific Gravity – Unknown

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability –Stable Hazardous Reactions - None
Hazardous Decomposition Products – N/A Conditions to Avoid - Fumes from firing
Incompatible Material – None In kiln

SECTION 11 – TOXICOLOGICAL INFORMATION

Primary Route of Entry – Dermal, Inhalation - If sprayed (NOT RECOMMENDED)
Hazard to Humans - None during normal use (non spray use)
Animal Experiment
Acute – None Chronic - None if not inhaled
Additional Information This mixture contain silica a know carcinogen (by inhalation). Some pigment contains cobalt or titanium potential animal carcinogens (by inhalation). This chemical mixture, in water, should be non-toxic during recommended use

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity --- None Persistence -Yes
Biodegradability - No Bioaccumulation - No
Mobility in Soil - No Other adverse effects - None

SECTION 13 – DISPOSAL INFORMATION

Follow Local, State And Federal Regulations

SECTION 14 – TRANSPORTATION INFORMATION

UN Number - None
UN Proper Shipping Name - None
Transportation Hazard Class - NA
Packing Group - None
Environmental Hazard - None
Special Precautions - None

SECTION 15 --REGULATORY INFORMATION

Silica, (quartz), titanium dioxide, cobalt oxide are listed by California Proposition 65
Silica (quartz), titanium dioxide, cobalt oxide are listed on the IARC, OSHA, or NTP carcinogen list.
SARA Section 313 – None
See local requirements.
Conforms to ASTM D 4236 This material has been evaluated under the provision of LHAMA (Labeling of hazardous art material act). This product is judged to be non-toxic and non-flammable under proposed use conditions. No special warning is required under the provisions of LHAMA or California Proposition 65

SECTION 16 - OTHER INFORMATION

Date Prepared: December 23, 2020, **Replaces SDS dated:** April 4, 2019

