SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION OF SUBSTANCE AND COMPANY PREPARING INFORMATION

Identity: Specialty Glazes

Code: NTG 9018, 9060, 9203, 9216, 9407, 9554, and 9555

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 (1-2% in product). Other ingredient present at 99% have unknown acute toxicity

SECTION 3 – COMPOSTION/INFORMATION ON INGREDIENTS

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

		Ranges of
<u>Ingredients</u>	CAS #	<u>Percentages</u>
Water	7732-18-5	48.1%- 72.7%
Frit	65997-18-4	0.0%- 49.2%
Clay/Kaolin	1332-58-7	4.8%- 12.7%
Zirconium Silicate	14940-68-2	0.0%- 4.4%
Calcium Carbonate	471-34-1	0.0%- 12.4%
Bentonite	1302-78-9	0.0%- 0.6%
Carboxymethylcellulose	9004-34-2	0.5%- 1.1%
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-leaded 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 –clear 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

 $\label{lem:chemical Stability - Stable Hazardous Reactions - None \\ Hazardous Decomposition Products - N/A Conditions to Avoid - Fumes from firing Incompatible Material - None In kiln \\$

SECTION 11 – TOXICOLOGICAL INFORMATION

Primary Route of Entry – Dermal, Inhalation - If sprayed (NOT RECOMMENED)

<u>Hazard to Humans - None during normal use (non spray use)</u>

Animal Experiment

Acute – None Chronic - None if not inhaled Additional Information This mixture contain silica a know carcinogen (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) is listed by California Proposition 65

Silica (quartz), is 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