# **SAFETY DATA SHEET**

# SECTION 1 – IDENTIFICATION OF SUBSTANCE AND COMPANY PREPARING INFORMATION

**Identity:** Garden Glazes NTG 9330, 9331, 9332, 9334, 9337

Code:

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 amount of a potential carcinogen: Crystalline silica (quartz) may be present (~3% in product). Other ingredient present at 99% have unknown acute toxicity

# SECTION 3 – COMPOSTION/INFORMATION ON INGREDIENTS

Garden 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  | 48.8%- 52.3%       |
| Frit                        | 65997-18-4 | 26.1%- 29.5%       |
| Clay/Kaolin                 | 1332-58-7  | 8.4%- 9.1%         |
| Silica (Quartz)             | 14808-60-7 | 0.0%- 2.4%         |
| Calcium Carbonate           | 471-34-1   | 0.0%- 8.7%         |
| Magnesium Aluminum Silicate | 12511-31-8 | 0.0%- 4.2%         |
| Bentonite                   | 1302-78-9  | 0.5%- 0.7%         |
| Carboxymethylcellulose      | 9004-34-2  | 0.6%- 0.9%         |
| 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

Unusual Fire or Explosion Hazards - 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/H<sub>2</sub>O)-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 -</u> 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). 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 are 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