

SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION OF SUBSTANCE AND COMPANY PREPARING INFORMATION

Identity: Surface Coat

Code: SC2600-2609

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 (~2% in product). Mixture is judged to be non-hazardous based on acute known toxicity of ingredients

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Surface Coats are non-hazardous water based mixtures of ceramic material containing non-lead frits, clay, and other minerals and color pigments.

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
Work Practices - None
Procedures for Leaks or Spills - None

Procedure/Equipment - None
Conditions for safe storage: 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/H ₂ 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

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

SECTION 11 – TOXICOLOGICAL INFORMATION

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

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 cadmium, a potential animal carcinogen (by inhalation) This chemical mixture, in water, should be non-toxic during recommended use

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity --- None
Biodegradability - No
Mobility in Soil - No

Persistence -Yes
Bioaccumulation - 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), cadmium are listed by California Proposition 65
Silica (quartz), cadmium 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: October 23, 2012, **Replaces MSDS dated NA**

