

Nasco® Non-Toxic Glazes

SECTION 1: CHEMICAL PRODUCT AND COMPANY INFORMATION

Prepared: January 1, 2009
Supersedes: All previous
Manufacturer: Mayco Colors
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IN CASE OF EMERGENCY PLEASE CONTACT YOUR LOCAL POISON CONTROL CENTER

Prepared by: MSDS department
Information Telephone Number: 614-876-1171

Nasco® CC102N, S2101N, S2102N, S2103N, S2107N, S2109N, S2110N, S2111N, S2112N,
Glazes S2113N, S2114N, S2115N, S2116N, S2117N, S2118N, S2119N, S2120N, S2121N,
S2123N, S2131N, S2140N, S2141N, S2142N, S2144N, S2146N, S2147N, S2148N,
S2150N, S2152N, S2153N, S2159N, S2160N, S2164N, S2165N, S2166N, S2171N,
S2200N, S2209N, S2220N, S2569N, S2578N, S2582N, S2585N, S2588N, S2591N

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients | CAS | ACGIH TLV | OSHA PEL |
|------------------|------------|-----------|-----------|
| Silica | 14808-60-7 | 0.10mg/M3 | 0.10mg/M3 |
| Alumina Silicate | 1332-58-7 | N/A | N/A |
| Bentonite/Clay | 1302-78-9 | N/A | N/A |
| Water | 7732-18-5 | N/A | N/A |

SECTION 3: HAZARDS IDENTIFICATION

Crystalline Silica may be present(OSHA PEL .1mg/m3).

Route(s) of Entry: Ingestion; absorption through the skin is negligible; inhalation only if sprayed.

Health Hazards (acute and chronic): Prolonged inhalation of silica, in excess of TLV, over an extended period of time may result in injury to the lungs.

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 persists

- after washing, contact a physician.
- If swallowed: Dilute by drinking water

SECTION 5: FIRE FIGHTING MEASURES

FIRE AND EXPLOSION HAZARD DATA

Flash Point (method used): N/A

LEL: N/A

UEL: N/A

Flammable Limits: N/A

Extinguishing Media: None required - not combustible

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled:

Uncontaminated material may be recovered and re-used. If contaminated, scoop, vacuum, or wash into a receptacle for disposal.

Waste Disposal Method: Follow Federal or State and Local regulations for disposal.

Testing of the waste may be required to determine status under the hazardous waste regulations.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING AND USE:

- Engineer Control - None
- Work practices- Store away from feed and food. Do not smoke, eat or drink while handling.
- Procedure/equipment: None
- Procedure for leaks or spills: Uncontaminated material may be recovered and reused. If contaminated, scoop, vacuum, or wash into a receptacle for disposal.
- Waste Disposal Method: Follow Federal or State and Local regulations for disposal.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Use of the following protective measures are strongly recommended if the glazes are to be applied by spraying. The Work/Hygienic Practices apply regardless of the method of application:

- Respiratory Protection (Specify Type): Use a NIOSH approved dust and/or fume respirator as necessary.
- Ventilation: Local Exhaust - for spraying
- Protective Gloves: N/A
- Eye Protection: for spraying
- Other Protective Clothing or Equipment: Wear appropriate clean, protective clothing such as, but not limited to, overalls, smocks, and aprons.
- Work/Hygienic Practices: Food, beverages, and smoking materials should not be in the work area. Hygiene is very important. Wash thoroughly before eating, drinking, smoking, or applying cosmetics.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: Various colors
- Odor and odor threshold: Negligible
- PH: Not available
- Boiling Point: None
- Vapor Pressure: N/A
- Vapor Density: N/A
- Melting Point: above 1000oF
- Specific Gravity (H2O=1): 1.4 to 1.6

- Flammable Limits: None
- Explosive limits: None
- Partition Coefficient: None
- Oxidizing Properties: None
- Solubility in Water: Negligible
- Percent Volatile by Volume: None
- Evaporation Rate: None
- Freezing point: N/A
- Flash Point: None
- Auto Ignition temperature: None:

SECTION 10: STABILITY AND REACTIVITY DATA

- Incompatibility (material to avoid): Avoid fumes from firing by venting kiln area.
- Stability: Stable (conditions to avoid): N/A
- Hazardous Decomposition or Byproducts: N/A
- Hazardous Polymerization: Will not occur
- Conditions to avoid: Fumes from firing in kiln. Inhalation of spray.

SECTION 11: TOXICOLOGY INFORMATION

Hazard to Humans: None during normal use. Harmful if inhaled or swallowed.

Do Not Spray Apply without proper personal protective equipment.

The following warnings apply **IF AND ONLY IF** glazes are spray applied:

Warning: Contains Quartz.

1. Possible cancer agent based on tests with laboratory animals.
2. Exposure may cause lung damage.
3. Keep out of reach of children; avoid inhalation.

This product contains chemicals known to the State of California to cause cancer.

Health Hazards (acute and chronic):

Prolonged or repeated inhalation and/or ingestion of lead containing frit may result in lead poisoning.

Prolonged inhalation of silica, in excess of TLV, over an extended period of time may result in injury to the lungs

Additional information: Frits are fused silica glass like substances. The bioavailability may be limited because of the physical nature of the frit. These products have been certified by a toxicologist as NON TOXIC.

SECTION 12: ECOLOGICAL INFORMATION

- Mobility: N/A
- Persistence/degradability: N/A
- Bioaccumulation: N/A
- Ecotoxicity: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Follow your Federal or State and Local regulations for disposal.

Testing of the waste may be required to determine status under the hazardous waste regulations.

Waste from residue/unused product: Can be landfilled according to local regulations. Contaminated packing: Can be landfilled according to local regulations.

SECTION 14: TRANSPORTATION INFORMATION

UN Number: None for this product.

SECTION 15: REGULATORY INFORMATION

Silica is listed by California, Proposition 65

Silica is listed on the IARC, OSHA or NTP carcinogen list.

All Ingredients are on U.S. TSCA / EC / AICS / DSL Inventory.

See local requirements.

EU Status:

Symbol- None for Frit

WHMIS Status : Not Controlled

SECTION 16: ADDITIONAL INFORMATION

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