

MAYCO MSDS
North American:
Non-Fired Gold Paint SS-80

SECTION 1: CHEMICAL PRODUCT AND COMPANY INFORMATION

Prepared: September 21, 2006
Supersedes: All previous
Manufacturer: Mayco Colors
Division of Coloramics, LLC
4077 Weaver Court South
Hilliard, Ohio 43026
United States of America

Distributor Contacts:

USA_____ Local Phone_____

EC_____ Local Phone_____

Australia_____ Local Phone_____

IN CASE OF EMERGENCY PLEASE CONTACT YOUR LOCAL POISON CONTROL CENTER

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

NON FIRED WATER BASED PRODUCTS

Dazzling Metallics SS-80

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS	ACGIH TLV	OSHA PEL
Copper (metal)	7440-50-8	2.0 mg/M3	1.0 mg/M3
Silica	14808-60-7	0.10 mg/M3	0.10 mg/M3
Zinc	7440-66-6	N/A	5.0 mg/M3

SECTION 3: HAZARDS IDENTIFICATION

Contains Copper metallic based pigments.

Crystalline Silica may be present .

(OSHA PEL .1mg/m3)

Route(s) of Entry: Dermal, Ingestion, absorption through the skin is negligible.

Inhalation only if sprayed. Ingestion only if taken internally.

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.

Copper see section 11

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.
 These products have been certified non toxic.

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 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.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Use of the following protective measures are strongly recommended if the paints 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.

Lead Bearing Frit (s) - Frit is a fused silicate glass substance.

Do Not Spray Apply. If glaze is spray applied the following warnings apply:

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.

Carcinogenicity: In IARC Supplement 7, inorganic lead compounds are given a 2B rating. This indicates "sufficient evidence" for Carcinogenicity to animals and "inadequate evidence" for Carcinogenicity to humans.

Additional information: Frits are fused silica glass like substances. The bioavailability may be limited because of the physical nature of the frit.

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. Lead is listed in US-EPA Code of Federal Regulations 40, Part 261.24.

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

Lead and Silica are listed by California, Proposition 65

Silica are 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

WHMIS Status : Not Controlled

SECTION 16: ADDITIONAL INFORMATION

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