

**Active Products****SECTION 1: CHEMICAL PRODUCT AND COMPANY INFORMATION**

Prepared: September 20, 2003  
Supersedes: All previous  
Manufacturer: MAYCO COLORS division of Coloramics, LLC  
4077 Weaver Court South  
Hilliard, Ohio 43026  
United States of America  
Distributor: USA Local Phone  
EC Local Phone  
Australia Local Phone

**IN CASE OF EMERGENCY PLEASE CONTACT YOUR LOCAL POISON CONTROL CENTER**

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**NON FIRED WATER BASED PRODUCTS**

Dazzling Metallic: SS-80 Glorious Gold

**SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS**

INGREDIENTS:	CAS	ACGIH	OSHA	TLV	PEL
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Copper	7440-50-8		2.0 mg/M3		1.0mg/M3
Silica	14808-60-7		0.10mg/M3		0.10mg/M3
Zinc	7440-66-6		NA		5.0mg/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: Metallic gold color.  
Odor and odor threshold: Mild  
Ph: Not available  
Boiling Point: 212 degrees F  
Vapor Pressure: 18mm at 70 degrees F  
Vapor Density: heavier than air  
Melting Point: NA  
Specific Gravity (H<sub>2</sub>O=1): 1.2 to 1.4  
Flammable Limits: None  
Explosive limits: None  
Partition Coefficient: None  
Oxidizing Properties: None  
Solubility in Water: Soluble  
Percent Volatile by Volume: None

Evaporation Rate: None  
Freezing point: NA  
Flash Point: None  
Auto ignition temperature: None

## **SECTION 10: STABILITY AND REACTIVITY DATA**

Incompatibility (material to avoid): None  
Stability: Stable (conditions to avoid: N/A)  
Hazardous Decomposition or Byproducts: Not available  
Hazardous Polymerization: Will not occur  
Conditions to avoid: None.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

**Hazard to Human:** None during normal use. Harmful if inhaled.  
or ingested.

DO NOT SPRAY APPLY. Product may contain silica.

If product 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.

**EFFECTS OF OVEREXPOSURE:** Copper metal is slightly toxic. Inhalation of copper dust may cause acute irritation of the nose and/or trachea, may produce acute gastroenteric symptoms resulting in vomiting and/or inflammation, and/or may cause acute metal fume fever. Exposure of skin to copper dust may cause acute dermatitis. In the case of chronic exposure, the liver, kidneys and/or spleen may be injured, and/or anemia may develop. Chronic toxicity is confined to those persons suffering from pre-existing Wilson's Disease.

**MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:** The following medical conditions may be aggravated by exposure to copper dust:

1. Persons afflicted with chronic respiratory disease and/or impaired pulmonary functions, especially those with obstructive airway diseases.
2. Persons afflicted with pre-existing liver disease.
3. Persons afflicted with pre-existing kidney disease.
4. Persons afflicted with pre-existing skin disorders.
5. Persons afflicted with pre-existing blood disorders.
6. Persons afflicted with pre-existing Wilson's Disease.

**PRIMARY ROUTE (S) OF ENTRY:** Inhalation, Only if spray applied ---DO NOT SPRAY. Ingestion.

## **SECTION 12: ECOLOGICAL INFORMATION**

Mobility: Not Available  
Persistence/degradability: Not Available  
Bioaccumulation: Not Available  
Ecotoxicity: Not Available

## **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: Empty containers should be taken for recycling, recovery or waste disposal.

#### **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

WHMIS Status: Not Controlled

#### **SECTION 16: ADDITIONAL INFORMATION**

Composition and possible harmful effects will vary depending on pigments used.

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