

MSDS Sheet Magic Metallics # 2

SECTION 1: CHEMICAL PRODUCT AND COMPANY INFORMATION

Prepared: November 25, 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

This series is certified by a toxicologist as NON-TOXIC during normal use.

Magic Metallics Series Patinas:

Magic Metallics MM-200, MM-201, MM-202, MM-204

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS	ACGIH TLV	OSHA PEL
Copper	7440-50-8	2.0 mg/M3	1.0mg/M3
Ammonium Chloride	12125-02-9	20.0 mg/M3	10.0 mg/M3

SECTION 3: HAZARDS IDENTIFICATION

Contains Copper metallic based pigments.

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

Eyes: May result in mechanical irritant.

Inhalation only if sprayed. Ingestion only if taken internally.

Health Hazards (acute and chronic): 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 : Transparent light blue to clear liquids.

Odor and odor threshold: Mild

Ph: Not available

Boiling Point: 212 deg F
Vapor Pressure: 18mm at 70 deg F
Vapor Density: heavier than air
Melting Point: NA
Specific Gravity (H₂O= 1): 1.1 to 1.2
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: TOXICOLOGY INFORMATION

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

Ammonium Chloride; Contact with skin or eyes may result in mechanical irritation. Acute exposure may be irritating to the eyes. Inhalation of Ammonium Chloride may result in headache, drowsiness, metal confusion and may progress to coma. Chronic Overexposure effects: No known effects for Ammonium Chloride.

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 Wilsons 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 Wilsons Disease.

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

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: 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

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. This information is furnished with out warranty, representation, inducement or license of any kind, except that it is accurate to the best of knowledge of COLORAMICS, LLC or obtained from sources believed to be accurate. COLORAMICS, LLC does not assume any legal responsibility for use or reliance on same. Customers are encouraged to conduct thier own tests before using any product. Read the product label.

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