



# MATERIAL SAFETY DATA SHEET

## SECTION 1 – GENERAL INFORMATION

**Manufacturer:**

Modern Masters Inc.  
9380 San Fernando Road  
Sun Valley, California 91352  
818-683-0201

**HMIS Rating**

HEALTH 2  
FLAMMABILITY 0  
REACTIVITY 0

**Emergency Telephone:** 800-942-3166

**Preparation Date:** February 19, 2009

**Revision Date:** May 5, 2009

**Product Name:** Metal Effects Reactive Metallic Paint

Water-based Metallic Paints

**Product Codes:** ME148, ME149, ME157, ME184, ME208, ME222, ME396

## SECTION 2 – HAZARDOUS INGREDIENTS

<u>Hazardous Component</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Aluminum	7429-90-5	15 mg/m <sup>3</sup>	15 mg/m <sup>3</sup>
Copper	7440-50-8	1 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>
Zinc	7440-66-6	5 mg/m <sup>3</sup>	N/E

## SECTION 3 – HAZARD IDENTIFICATION

**Emergency Overview:** This material is a water-based metallic paint. It is a stable, non-flammable, opaque flowable liquid of various colors with a flash point above 200°F.

**Primary Routes of Exposure:**

Inhalation                      Skin contact                      Eye contact                      Ingestion

**Potential Acute Health Effects:**

**Inhalation:** May cause respiratory tract irritation

**Eye:** May cause eye irritation

**Skin:** Prolonged or repeated skin contact may cause irritation

**Ingestion:** Not hazardous under intended use conditions



# MATERIAL SAFETY DATA SHEET

---

**Potential Chronic Health Effects:** None known



# MATERIAL SAFETY DATA SHEET

---

## SECTION 4 – FIRST AID MEASURES

**Eye contact:** Flush eyes with clean water for 15 minutes. Seek medical attention.

**Skin contact:** Thoroughly wash with soap and warm water before the coating dries.

**Inhalation:** If irritation occurs, remove to fresh air and seek medical attention if cough or other symptoms develop.

**Ingestion:** Do not induce vomiting. Seek medical attention.

**Note to Physician:** Treat symptomatically. This material is basically non-toxic. A small quantity (approximately one tablespoon) is unlikely to cause harm.

## SECTION 5 – FIRE FIGHTING MEASURES

**Flash Point (method):** N/D (est. >200°F)

**Extinguishing Media:** Use water spray, foam, or carbon dioxide when fighting fires involving this material.

**Protection of Firefighters:** As in any fire, wear NIOSH approved self-contained breathing apparatus pressure-demand and full protective gear.

**Fire and Explosion Hazards:** Material will not burn.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Slippery: can cause slips and falls if walked on.

**Clean Up Methods:** Contain spill with sand or other diking material. Soak up small spills with absorbent material. Dispose of in accordance with federal, state, and local regulations.

(See also Section 8 for information on Exposure Controls and Personal Protective Equipment.)



# MATERIAL SAFETY DATA SHEET

---

## SECTION 7 – HANDLING AND STORAGE

**Handling:** Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Wash hands with soap and warm water after use.

**Storage:** Keep from freezing. Keep container tightly closed when not in use. Do not reuse containers and properly dispose of empty containers.

## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** If necessary, use general room dilution ventilation, process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

### Personal Protective Equipment (PPE):

**Eye Protection:** Eye contact should be avoided. Where eye contact is likely, wear chemical splash goggles and/or full-face shield.

**Skin Protection:** Wear gloves to prevent prolonged skin contact.

**Respiratory Protection:** None needed under normally anticipated use conditions. If vapor levels exceed allowable limits, wear a NIOSH approved air-purifying respirator with an organic vapor cartridge.

**General Hygiene Practices:** Avoid eye and skin contact. Avoid breathing vapors. Wash hands before eating, drinking, or using the toilet.



# MATERIAL SAFETY DATA SHEET

## SECTION 9 – PHYSICAL DATA

**Appearance:** Opaque flowable liquid of various colors      **Odor:** Mild odor

**Physical State:** Liquid      **pH:** 5 to 9

**Boiling Point:** Above 200°F      **Melting Point:** <32°F

**Vapor Pressure:** N/D      **Vapor Density:** N/D

**Odor Threshold:** N/D      **Viscosity:** 1000 to 10,000

**Solubility in Water:** Dilutable in water      **Specific Gravity (water = 1):** 1.1-1.5

**Material VOC:** Material, less water, contains less than 150 grams per liter VOC.

## SECTION 10 – STABILITY AND REACTIVITY

**Stability:** Stable      **Incompatibility:** Strong acids and strong bases

**Hazardous Polymerization:** Will not occur

**Hazardous Decomposition Products:** None known

## SECTION 11 – TOXICOLOGICAL INFORMATION

**Carcinogenicity:** This material is not considered a carcinogen by IARC or NTP and is not regulated as a carcinogen by OSHA.

(See also Section 15 for related information.)

## SECTION 12 – ECOLOGICAL INFORMATION

**Chemical Fate and Effects:** No data available.



# MATERIAL SAFETY DATA SHEET

---

## SECTION 13 – DISPOSAL CONSIDERATIONS

**Recommended Waste Disposal Method:** This material is not considered hazardous waste under Federal Hazardous Waste Regulations (40CFR 261). However, state and local requirements for waste disposal may be more restrictive or otherwise differ from federal regulations. Chemical additions, processing, or otherwise altering this material may render the waste management information presented in this MSDS incomplete, inaccurate, or otherwise inappropriate. Consult all applicable federal, state, and local regulations regarding the proper disposal of this material.

## SECTION 14 – TRANSPORTATION INFORMATION

**Regulated by the DOT:** Not regulated

**DOT Proper Shipping Name:** Paint

## SECTION 15 – REGULATORY INFORMATION

### CERCLA:

The Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) requires notification to the National Response Center for releases of quantities of Hazardous Substances equal to or greater than the reportable quantities (RQs) in 40 CFR 302.4 (for CERCLA 102).

Components present in this product at a level which could require reporting under the statute are:

<u>Chemical Name</u>	<u>CAS #</u>	<u>Maximum Concentration (Wt. %)</u>
none	N/A	N/A



# MATERIAL SAFETY DATA SHEET

---

## **SARA Title III, section 311/312:**

The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (RQs) in 40 CFR 355 (used for SARA 302, 304, 311, and 312).

Components present in this product at a level which could require reporting under the statute are:

<u>Chemical Name</u>	<u>CAS #</u>	<u>Maximum Concentration (Wt. %)</u>
none	N/A	N/A

## **SARA Title III, section 313:**

The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313).

Components present in this product at a level which could require reporting under the statute are:

<u>Chemical Name</u>	<u>CAS #</u>	<u>Maximum Concentration (Wt. %)</u>
Copper	7440-50-8	19%

## **TSCA:**

The components of this mixture are listed in the Toxic Substance Control Act Inventory of Chemical Substances.

This product does not contain any chemicals that would require export notification under Section 12(b) of the TSCA regulation.



# MATERIAL SAFETY DATA SHEET

---

## SECTION 16 – OTHER INFORMATION

**Legend:** **N/A:** Not Applicable                      **N/D:** Not Determined  
**N/E:** Not Established                                **N/R:** Not Required  
**STEL:** Short Term Exposure Limit            **C:** Ceiling Value  
**cps:** Centipoise                                      **mg/m<sup>3</sup>:** milligrams per cubic meter  
**PPM:** Parts Per Million                            **PPB:** Parts Per Billion  
**PEL:** Permissible Exposure Limit            **TLV:** Time Weighted Average  
**mppcf:** million particles per cubic foot of air  
**ACGIH:** American Conference of Governmental Industrial Hygienists  
**CPSC:** Consumer Product Safety Commission  
**DOT:** US Department of Transportation  
**FHSA:** Federal Hazardous Substance Act  
**OSHA:** Occupational Safety and Health Administration (US Dept. of Labor)  
**RCRA:** Resource Conservation and Recovery Act  
**SARA:** Superfund Amendment and Reauthorization Act  
**TSCA:** Toxic Substance Control Act

### HMIS Key

4 = Severe Hazard  
3 = Serious Hazard  
2 = Moderate Hazard  
1 = Slight Hazard  
0 = Minimal Hazard

**Prepared by:** Modern Masters Regulatory Compliance Manager,  
Technical Management Department  
9380 San Fernando Road, Sun Valley, California 91352 (818) 683-0201

**Disclaimer:** Modern Masters, Inc. believes, to the best of its knowledge, information, and belief, the information contained herein to be accurate and reliable as of the date of this material safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials and make no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and data to comply with all applicable international, federal, state, and local laws and regulations.