

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – GENERAL INFORMATION

**Manufacturer:**

Modern Masters, Inc.  
7340 Greenbush Avenue  
North Hollywood, California 91605  
818-765-2915

**HMIS Rating**

HEALTH	2
FLAMMABILITY	0
REACTIVITY	1

**Emergency Telephone:** 800-942-3166**Preparation Date:** January 18, 2002**Product Name:** Modern Masters “Rust Activator Solution”**Product Code:** PA904

## SECTION 2 – HAZARDOUS INGREDIENTS

<u>Hazardous Component</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Blue Copper	7758-99-8	1 mg/m <sup>3</sup> (as copper) (dusts and mists)	0.1 mg/m <sup>3</sup> (as copper) (fumes)
Sal Ammoniac	12125-02-9	20 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>

## SECTION 3 – HAZARD IDENTIFICATION

**Emergency Overview:** This material is a reactive patinating solution. It is a stable, non-flammable, translucent blue flowable liquid with a flash point above 200°F.

**Primary Routes of Exposure:**

Inhalation  
Skin contact  
Eye contact

**Potential Acute Health Effects:**

**Inhalation:** May cause respiratory tract irritation  
**Skin:** Prolonged or repeated skin contact may cause irritation  
**Eye:** May cause eye irritation  
**Ingestion:** Not hazardous under intended use conditions

**Potential Chronic Health Effects:** None known

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## **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.
- Inhalation:** If irritation occurs, remove to fresh air and seek medical attention if cough or other symptoms develop.
- Ingestion:** If ingested, induce vomiting. Seek medical attention.
- Note to Physician:** Treat symptomatically.

## **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.)

## **SECTION 7 – HANDLING AND STORAGE**

- Handling:** Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Wash hands thoroughly with soap and warm water before eating.
- Storage:** **Do not freeze.** Keep container closed when not in use.

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## 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:** Skin contact should be avoided. Wear rubber or latex gloves when using this product.

**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 and drinking.

## SECTION 9 – PHYSICAL DATA

<b>Appearance:</b>	Translucent blue flowable liquid	<b>Odor:</b>	Mild odor
<b>Physical State:</b>	Liquid	<b>pH:</b>	2 to 6
<b>Boiling Point:</b>	Above 200°F	<b>Melting Point:</b>	<32°F
<b>Vapor Pressure:</b>	N/D	<b>Vapor Density:</b>	N/D
<b>Odor Threshold:</b>	N/D	<b>Viscosity:</b>	<100 cps
<b>Solubility in Water:</b>	Dilutable in water	<b>Specific Gravity (water = 1):</b>	1.0-1.2

## SECTION 10 – STABILITY AND REACTIVITY

<b>Stability:</b>	Stable, non-reactive	<b>Incompatibility:</b>	None known
<b>Hazardous Polymerization:</b>	Will not occur		
<b>Hazardous Decomposition Products:</b>	None known		

NA: Not Applicable N/D: Not Determined N/E: Not Established N/R: Not Required Est.: Estimated

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## **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.

Wilson's Disease, a disease associated with the inability to remove copper from the blood, is a medical condition aggravated by exposure to Blue Copper.

(See also Section 15 for related information.)

## **SECTION 12 – ECOLOGICAL INFORMATION**

**Chemical Effects:** Blue Copper is toxic to fish and marine organisms. Do not contaminate water destined for streams, rivers, ponds, or lakes.

**Chemical Fate:** No data available.

## **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

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## 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

### **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>
Blue Copper	7758-99-8	5%
Sal Ammoniac	12125-02-9	6%

### **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.

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## 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 centimeter  
**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

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