



# 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 3  
FLAMMABILITY 2  
REACTIVITY 1

**Emergency Telephone:** 800-942-3166      **Preparation Date:** September 15, 2009

**Product Name:** Modern Masters Countertop Transformations Protective Topcoat Activator

**Product Code:** 252769

## SECTION 2 – HAZARDOUS INGREDIENTS

<u>Hazardous Component</u>	<u>CAS #</u>	<u>OSHA PEL</u> mg/m <sup>3</sup>	<u>ACGIH TLV</u>	<u>Content</u>
Amine	Proprietary	-	-	<100%

## SECTION 3 – HAZARD IDENTIFICATION

**Overview:** Harmful if swallowed. Causes eye burns. Causes skin irritation. May cause allergic skin reaction.

**Primary Routes of Exposure:**

Inhalation      Skin contact      Eye contact      Ingestion

**Potential Acute Health Effects:**

**Inhalation:** Causes respiratory tract irritation.

**Eye:** Corrosive. Can cause burns resulting in permanent damage.

**Skin:** Corrosive. Can cause burns resulting in permanent damage.

**Ingestion:** Substance harmful if swallowed. Can cause severe and permanent damage to mouth, throat, and stomach.

**Overexposure and Chronic Hazards:** This product can hydrolyze to form a material posing additional health effects: Ethanol (ACGIH TLV: TWA 1000ppm; OSHA PEL: TWA 1000 ppm).



# MATERIAL SAFETY DATA SHEET

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Liquid and high vapor concentrations cause eye irritation. Contact of liquid with skin causes drying, cracking, and irritation. Inhalation causes irritation of the respiratory tract. Repeated or prolonged exposure to high vapor concentrations may cause drowsiness. Excessive or repeated ingestion is not an expected route of exposure. Ethanol has a low potential to cause allergic skin reactions; however, undocumented cases of human skin sensitization have been reported.

## SECTION 4 – FIRST AID MEASURES

**Eye contact:** Flush eyes with clean water for 15 minutes. Seek medical attention, especially if irritation persists. Do not allow rubbing of eyes or keeping eyes closed. For caustic burn of the eyes, call an ambulance and obtain immediate medical treatment from an ophthalmologist.

**Skin contact:** Thoroughly wash with soap and water. If irritation persists seek medical attention. Remove contaminated clothing and shoes. Wash contaminated clothes and shoes before re-use.

**Inhalation:** Remove victim from exposure. If irritation occurs, remove to fresh air and seek medical attention if cough or other symptoms develop. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do not use mouth-to-mouth resuscitation.

**Ingestion:** If accidentally swallowed, rinse mouth thoroughly with water and afterwards, drink plenty of water. In case of discomfort, contact physician immediately.

## SECTION 5 – FIRE FIGHTING MEASURES

**Flash Point (method):** 168F (Setaflash)

Auto-ignition Temperature: N/A

Limits of Flammability:	LEL	UEL
	N/A	N/A

**OSHA Flammability Classification:** Combustible liquid.

**Extinguishing Media:** Water fog, film forming foam, carbon dioxide, dry powder.



# MATERIAL SAFETY DATA SHEET

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

**Fire and Explosion Hazards:** Decomposition and combustion by-products: nitrogen oxides.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Wear protective gear, contain leak or spill, clean up residue with absorbent materials. Insure adequate ventilation.

**Clean Up Methods:** Contain spill with sand or earth. Do not use combustible materials such as sawdust. Dispose of in accordance with federal, state, and local regulations. Do not contaminate lakes, streams, rivers, groundwater, or soil.

## 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. Avoid breathing vapor or mist.

**Storage:** Keep container tightly closed when not in use. Store in a cool dry ventilated area. Protect from water. Isolate from heat, electrical equipment, sparks, and open flame. Do not reuse container and properly dispose of container when empty.

## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** 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 impervious gloves to prevent prolonged skin contact. Nitrile or neoprene gloves may give adequate skin protection.



# MATERIAL SAFETY DATA SHEET

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**Respiratory Protection:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 or applicable federal/provincial requirements must be followed whenever workplace conditions warrant respirator use.

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

## SECTION 9 – PHYSICAL DATA

<b>Appearance:</b> Liquid	<b>Odor:</b> Amine
<b>Physical State:</b> Liquid	<b>pH:</b> 11
<b>Boiling Point:</b> Above 154F	<b>Melting Point:</b> N/D
<b>Vapor Pressure:</b> <0.1 kPa	<b>Vapor Density:</b> >air
<b>Odor Threshold:</b> N/D	<b>Viscosity:</b> N/D
<b>Solubility in Water:</b> No	<b>Specific Gravity:</b> 0.95

## SECTION 10 – STABILITY AND REACTIVITY

**Stability:** Stable

**Incompatibility:** Exothermic reaction with acids.

**Hazardous Polymerization:** Will not occur.

**Hazardous Decomposition Products:** Ethanol in case of hydrolysis.

## 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.

LD50: 3500 mg/kg (Rat, oral); 4000 mg/kg (Rabbit, Skin)



# MATERIAL SAFETY DATA SHEET

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(See also Section 15 for related information.)

## SECTION 12 – ECOLOGICAL INFORMATION

**Biodegradability:** 67% (Method: DOC, Die Away Test—79/831/EEC part C.4-A)

Ecotoxicity Effects:

Toxicity to Fish: LCo Brachydanio rerio:  $\geq 934$  mg/L/96Hr; Method EC 92/69. In the range of water solubility not toxic under test conditions.

Toxicity to Daphnia: EC50 Daphnia Magna: 331mg/L/48Hr, Method EC92/69.

Toxicity to Algae: EC50 Scenedesmus subspicatus: 603 mg/L/72Hr, Method EC 92/69. NOEC Scenedesmus subspicatus: 1.3 mg/L/72Hr, Method EC 92/69.

Toxicity to Bacteria: EC10 Pseudomonas putida: 13 mg/L/5Hr, Method Bringmann and Kuhn, Z. Wasser Abwasser Forsch. 10, 87-98, (1977)

General Ecological Information: The data we have at our disposal do not necessitate identification concerning environmental hazard.

## SECTION 13 – DISPOSAL CONSIDERATIONS

**Recommended Waste Disposal Method:** Consult all applicable federal, state, and local regulations regarding the proper disposal of this material. Do not allow to enter storm drains or sewer systems. Incineration is the preferred method. Empty containers must be handled with care due to product residue. Do not heat or cut the empty container with an electric or gas torch.

## SECTION 14 – TRANSPORTATION INFORMATION

**DOT Proper Shipping Name:** ORM-D Consumer Commodity

**DOT Technical Name:** N/A

**DOT Hazard Class:** N/A

**DOT UN/NA Number:** N/A



# MATERIAL SAFETY DATA SHEET

**Packing Group:** N/A  
**Hazard Subclass:** N/A  
**Resp. Guide Page:** --

## SECTION 15 – REGULATORY INFORMATION

### CERCLA-SARA Hazard Category

This product has been reviewed according to the EPA “Hazard Categories” promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Acute Health Hazard, Fire Hazard

### 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>
none		

### 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.

**California Prop 65 Chemicals**—none

**Canadian WHMIS Class:** B3 D2A D2B

## 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



# MATERIAL SAFETY DATA SHEET

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**cps:** Centipoise  
**PPM:** Parts Per Million  
**PEL:** Permissible Exposure Limit  
**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

**mg/m<sup>3</sup>:** milligrams per cubic meter  
**PPB:** Parts Per Billion  
**TLV:** Time Weighted Average

## HMIS Key

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

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**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.