

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Identifier: AQUAMULSION NEGATIVE PHOTO RESIS

General Use: An emulsion coating for copper and brass photoengraving.

Company: UEI™ Systems, A Division of Universal Engraving, Inc.  
9090 Nieman Road Overland Park, KS, USA 66214  
1-800-821-8864 or 913-599-0244Emergency Contact: 1-800-424-9300 USA and Canada  
01-703-527-3887 International**2. HAZARDOUS INGREDIENTS**

Acrylates	CAS No.	%
1-Methoxy-2-Propanol	107-98-2	10-15 60-80

**3. HAZARDS IDENTIFICATION:** Liquid, dark blue in color. Flammable. Irritating to the eyes, respiratory system, and skin. May cause sensitization by skin contact.

Routes of Entry: Inhalation, Ingestion, Skin Absorption.

Carcinogenicity: NA.

Signs and Symptoms of Exposure: Irritation to product. Skin sensitization (allergy) as evidenced by rashes.

**4. FIRST AID MEASURES****INGESTION:** DO NOT INDUCE VOMITING. Immediately give plenty of water. Give oxygen or artificial respiration if needed. Get immediate medical attention.**INHALATION:** Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. Get immediate medical attention.**EYE CONTACT:** Flush eyes with large amounts of water for at least 15 minutes. If irritation persists seek medical attention.**SKIN CONTACT:** Remove contaminated clothing and shoes. Flush skin with soap and large amounts of water for at least 15 minutes. Do not re-use clothing until cleaned. If skin irritation persists seek medical attention.**5. FIRE FIGHTING MEASURES-For 1-Methoxy-2-Propanol**

Flash Point: 34 deg. C Flammable Limits: LEL 1.6% UEL13.8% by volume in air.

Extinguishing Media: Water Fog, Carbon Dioxide, Dry Chemical, Alcohol Foam, or Appropriate Foam.

Cool containers exposed to intense heat or flame from fires with water to prevent vapor pressure buildup which could result in a container rupture.

Flammable vapors may be heavier than air and may travel long distances along the ground before igniting and flash back to the vapor source.

**6. ACCIDENTAL RELEASE MEASURES:** Eliminate potential sources of ignition. Dike and contain. Do not allow material to contaminate ground water system. Prevent product from entering drains. Soak up with an absorbent and dispose of properly. Wash area with water to remove residue and dispose of wash solution as above. Wear protective equipment. Large spills may require self-contained breathing apparatus or respirator. Ensure compliance with local, state, and federal regulations.**7. HANDLING AND STORAGE:** Store in flammable storage area that is cool, dry, and has adequate ventilation. Keep away from open flames and high temperatures. Provide sufficient air exchange and/or exhaust in work areas. Protect from light. Product is light-sensitive. Empty containers can contain residue which may create both health and fire hazards. Dispose of in compliance with local, state, and federal regulations.**8. EXPOSURE CONTROLS/PERSONAL PROTECTION:** Use only in a well-ventilated area. Wear chemical resistant rubber gloves and goggles. Do not wear contact lenses. Safety shower and emergency eye wash station should be located in work area. Wash thoroughly after handling product. Keep liquid and vapor away from heat, sparks, or flame. Avoid contact with skin, eyes, and clothing.**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical State: liquid	Flash Point: 91.4 F (33 C)
Color: dark blue	Density: 0.95 g/ml approximately
Odor: solvent	Solubility: practically insoluble in water
	pH: slightly acidic

**10. STABILITY AND REACTIVITY:** Very flammable. Avoid static electrical discharge, flame, and heat. Avoid strong acids, strong bases, and strong oxidizing agents. Avoid breathing vapor or mists. Buring produces obnoxious and toxic fumes and carbon oxides.**11. DISPOSAL:** Dispose of product and empty containers in accordance with all applicable governmental regulations.**12. OTHER INFORMATION:** UEI™ Systems provides the information contained herein in good faith. The information is believed to be correct. However it is not all inclusive and should be used only as a guide. Individuals receiving the information must exercise their independent judgement in determining its appropriateness for a particular purpose. UEI™ Systems shall not be held liable for any damage resulting from handling or from contact with the product listed herein.C: Celcius  
NA: Not Available  
LEL: Lower Explosive Limits  
UEL: Upper Explosive Limits