

# MATERIAL SAFETY DATA SHEET

**U-MARK, Inc.**

Rev. Date: August 12, 2010

**PRODUCT NAME: CP CODER INK**

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**1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION**

Product Identifier: CP Coder Ink  
General Use: Coder and stamp pad ink for porous surfaces.  
Product Color: Black, Red

**U-Mark, Inc., 102 Iowa Avenue, Belleville, IL 62220 USA tel. 618-235-7500**  
**24-hour Emergency Phone: Infotrac 1-800-535-5053 (within the USA and Canada), 1-352-323-3500 (International)**

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**2. COMPOSITION/INFORMATION ON INGREDIENTS**

INGREDIENT	CAS No.	% by Wt.	Exposure Limits (ppm)	
			OSHA TWA	ACGIH TWA
Diethylene Glycol	111-46-6	> 85	None established	

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**3. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW: May be harmful if swallowed in large amounts.**

**POTENTIAL HEALTH EFFECTS:**

INHALATION: None expected under normal conditions of use.  
EYE CONTACT: May cause slight irritation.  
SKIN CONTACT: May cause slight irritation.  
INGESTION: Small amounts are unlikely to cause injury.  
CHRONIC: Does not contain a material listed as carcinogenic by NTP, IARC, and OSHA. Repeated overexposure may cause liver, kidney and gastrointestinal effects.

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**4. FIRST AID MEASURES**

INHALATION: Remove to fresh air. Get medical attention if breathing is difficult.  
EYE CONTACT: Flush with water immediately for 15 minutes. Contact a physician.  
SKIN CONTACT: Remove contaminated clothing. Wash skin with soap and flowing water.  
INGESTION: Call a physician immediately. Do not induce vomiting. Keep person warm.

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**5. FIRE FIGHTING MEASURES**

**FLAMMABLE PROPERTIES:**

Flash Point: > 212°F (> 100°C) Method: PMCC Flammable Limits: LEL 1.6%, UEL ND

**HAZARDOUS COMBUSTION PRODUCTS:** CO, CO<sub>2</sub>, trace organic aldehydes and acids.

**EXTINGUISHING MEDIA:** Water spray, dry chemical, CO<sub>2</sub>, foam.

**FIRE FIGHTING INSTRUCTIONS:** When large quantities or indoor fires are involved, wear self-contained breathing apparatus and complete protective clothing.

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**6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** Soak up with absorbent and hold in covered container for incineration according to applicable regulations or flush to sewer with plenty of water if local laws permit.

**LARGE SPILL:** Eliminate ignition sources and put on personal protective equipment. Dike and/or pump into appropriate containers. Destroy by incineration in accordance with all Federal, state and local regulations.

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**7. HANDLING AND STORAGE****HANDLING:** Wash thoroughly after handling.**STORAGE:** Store in cool area.**8. EXPOSURE CONTROL/PERSONAL PROTECTION****ENGINEERING CONTROLS:** General exhaust is recommended.**RESPIRATORY PROTECTION:** Not usually required unless spraying ink in a confined area. Then a NIOSH/MSHA approved respirator with organic vapor cartridges or canister should be used.**SKIN PROTECTION:** Wear impervious gloves if hand contact is anticipated.**EYE PROTECTION:** Chemical splash goggles should be used when working with chemicals.**9. PHYSICAL AND CHEMICAL PROPERTIES**

Boiling Range: &gt;212°F (&gt;100°C)

Melting Point: Not Applicable

Vapor Pressure: &lt; 0.01mm Hg, 68°F (20°C)

Vapor Density: 3.66

Solubility in Water: Complete

Specific Gravity: 1.12

Weight/Gallon: 9.3 lbs

VOC: ~ 1000 g/l

Odor: Mild

% Volatile by Vol.: ~ 90%

Appearance: Colored Liquid

**10. STABILITY AND REACTIVITY****CHEMICAL STABILITY:** (Conditions to avoid) None**INCOMPATIBILITY:** Strong oxidizing agents.**HAZARDOUS DECOMPOSITION PRODUCTS:** CO, CO<sub>2</sub>**HAZARDOUS POLYMERIZATION:** Will not occur.**11. TOXICOLOGICAL INFORMATION**Diethylene Glycol: LD<sub>50</sub> 1g/kg (oral, human), 11.89g/kg (skin, rabbit).**12. ECOLOGICAL INFORMATION**

Prevent any runoff from reaching natural waterways.

**13. DISPOSAL CONSIDERATIONS**

Dispose in accordance with Federal, State and local laws and regulations.

**14. TRANSPORT INFORMATION**

DOT, IATA, IMDG: Not regulated

**15. REGULATORY INFORMATION**

EPCRA (SARA) Sec. 313 Reportable Materials: None

TSCA: All components are listed in the TSCA Inventory.

**16. OTHER INFORMATION**

HMIS Hazard Rating: Health 1, Fire 1, Reactivity 0

NFPA Hazard Rating: Health 1, Fire 1, Reactivity 0

(4=extreme, 3=high, 2=moderate, 1=slight, 0=least).

**Caution!**

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