

**Material Safety Data Sheet**

May be used to comply with  
 OSHA's Hazard Communication Standard,  
 29 CFR 1910.1200. Standard must be  
 Consulted for specific requirements.

**U.S. Department of Labor**

Occupational Safety and Health Administration  
 (Non-Mandatory Form)  
 Form Approved  
 OMB No. 1218-0072

<b>IDENTITY</b> (As Used on Label and List) <b>Metron Solvent Resistant Ink</b>	<i>Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.</i>
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<b>Section I</b> Components Listed in TSCA Inventory	
Manufacturer's Name <b>Metron Marker, Division of</b>	Emergency Telephone Number <b>858-755-4477</b>
Address (Number, Street, <b>METRON OPTICS, Inc.</b>	Emergency Telephone Number <b>858-755-4752</b>
<b>819 Academy Drive</b>	Date Prepared (mm-dd-yy) <b>08-05-91 — Rev.01-2010</b>
<b>Solana Beach, CA 92075—USA</b>	Signature of Preparer (Optional)

**SECTION II —Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH-TLV	Other Limits (Recommended)	% (Optional)
Epichlorohydrin/Oxirane (Chloromethyl)	Airborne	Airborne		0.17
CAS 106-89-8	2 ppm	2 ppm		
	8 mg/m3 Skin	7.6 mg/m3 Skin		

**SECTION III —Physical/Chemical Characteristics**

Boiling Point <b>Water</b>	<b>212 °F</b>	Specific Gravity (H <sub>2</sub> O = 1)	<b>1.05</b>
Vapor Pressure (mm At 25 °C (as for water)	<b>24 mm Hg</b>	Melting Point <b>Water Solution</b>	
Vapor Density (AIR = 1)	<b>.06 as for water</b>	Evaporation Rate (Butyl Acetate = 1)	<b>1</b>
Solubility in Water	<b>Completely mixable.</b>		
Appearance and Odor	<b>Color of pigments added.</b>		

**SECTION IV—Fire and Explosion Hazard Data**

Flash Point (Method Used) <b>Setaflas closed cup.</b>	Flammable Limits	LEL	Not Establ.	UEL	Not Establ.
<b>After evaporation of water: 200 °F</b>					
Extinguishing Media <b>Water</b>					
Special Fire Fighting Procedures <b>In dried concentrated form NIOSH approved SCBA and protective clothing.</b>					
<b>Ink as provided contains less than 0.1 7% concentration.</b>					
Unusual Fire and Explosion Hazards <b>None known.</b>					

<b>SECTION V—Reactivity Data</b>			
Stability	Unstable		Conditions to Avoid
	Stable	X	
Incompatibility ( <i>Materials to Avoid</i> ) In concentrate “pure” form reducing agents, oxidizing agents.			
Hazardous Decomposition or Byproducts Hazardous polymerization will not occur.			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will not Occur	X	
<b>SECTION VI —Health Hazard Data</b>			
Route(s) of Entry:		Inhalation? NO	Skin? Slight or none
			Ingestion? NO
Health Hazards ( <i>Acute and Chronic</i> )			
Immediate: None			
Delayed: None			
Carcinogenicity:		NTP?	OSHA Regulated?
		In pure conc. Form: Yes	Yes
			No
Ink contains less than 0.17%			
Signs and Symptoms of Exposure Not expected to produce ocular irritation or eye injury, nor significant dermal hazard.			
Medical Conditions Generally Aggravated by Exposure Not expected to contribute to or worsen existing medical conditions.			
Emergency and First Aid Procedures Flush affected areas with water.			
<b>SECTION VII —Precautions for Safe Handling and Use</b>			
Step to Be Taken in Case Material is Released or Spilled Wipe up. Normal housekeeping procedures.			
Waste Disposal Method Not considered an RCRA hazardous waste under 40 CFR 261.			
Precautions to Be Taken in Handling and Storing No special handling or precautions.			
Other Precautions California safe drinking water act: Epichloronydrin in known to cause cancer, birth defects or other reproductive harm. No safety limits.			
<b>SECTION VIII —Control Measures</b>			
Respiratory Protection ( <i>Specify Type</i> ) Not Needed.			
Ventilation	Local Exhaust	Not needed	Special No
	Mechanical ( <i>General</i> )	Not needed	Other No
Protective Gloves	Not needed	Eye Protection	No
Other Protective Clothing or Equipment No			
Work/Hygienic Practices Normal work and housekeeping procedures.			