



# MATERIAL SAFETY DATA SHEET

MSDS-0176  
180A and RD 250 Ink  
REV. DATE: 3/10/93

## SECTION 1 - IDENTIFICATION

**PRODUCT (TRADE) NAME:** Ink for Recorders

**CHEMICAL FAMILY:**

**SUPPLIER:** OMEGA ENGINEERING INC.  
PO BOX 4047  
STAMFORD, CT 06907

**DATE PREPARED:** 1/26/93  
**SUPERSEDES:**

**TELEPHONE:** (203) 359-1660

## SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	%(optional)
Aqueous Writing Ink: Non-hazardous components are contained. The composition is as follows:	N.A.	N.A.	N.A.	—
Synthetic organic dyes				1.7%
Gum Arabic				2.6%
Glycerol				31.9%
Antiseptic				0.1%
Ethanol				4.0%
Water				59.7%
Total				100.0%

## SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

<b>Boiling Point:</b> above 100°C	<b>Specific Gravity (H<sub>2</sub>O=1):</b> 1.090/20°C
<b>Vapor pressure (mm Hg):</b> N.A.	<b>Melting Point:</b> N.A.
<b>Vapor Density (AIR=1):</b> N.A.	<b>Evaporation Rate (Butyl Acetate =1):</b> N.A.
<b>Solubility in Water:</b> Very good	<b>Ignition Temperature:</b> N.A.
<b>Appearance and Odor:</b> Liquid, fragrant	<b>pH:</b> 3.5

## SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (Method Used):</b> N.A.	<b>Flammable Limits:</b> N.A.	<b>LEL</b>	<b>UEL</b>
<b>Extinguishing Media:</b> Water			
<b>Special Fire Fighting Procedures:</b> N.A.			
<b>Unusual Fire and Explosion Hazards:</b> N.A.			

