

**MATERIAL SAFETY DATA SHEET**

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**PRODUCT NAME:** COPPER FLEXO INK  
**PRODUCT CODE:** 9W3325

**HMIS CODES: H F R P**  
1 1 0 B

===== **SECTION I - MANUFACTURER IDENTIFICATION** =====

**MANUFACTURER'S NAME:** BRADEN SUTPHIN INK CO.  
**ADDRESS:** 4480 NORTH 124TH. STREET  
WAUWATOSA, WI 53225

**EMERGENCY PHONE:** 414-461-4999                      **DATE PRINTED:** 06/05/13  
**INFORMATION PHONE:** 414-461-4241

===== **SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION** =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE		
		mm Hg	@	TEMP
2-PROPANOL	67-63-0	32		68 DEG F
OSHA PEL 400 ppm				
ACGIH TEL 400 ppm				
N-PROPANOL	71-23-8	13		20 DEG C
OSHA PEL 200ppm				
ACGIH TEL 200 ppm				
PROPYLENE GLYCOL	001-336-216	760		20 DEG C
OSHA PEL 400 ppm				
ACGIH TEL 400 ppm				

\* INDICATES TOXIC CHEMICAL (S) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF Title III and of 40 CFR 372  
N/A

===== **SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS** =====

**BOILING RANGE:** NO VALUE                      **SPECIFIC GRAVITY (H20=1):** 1.01  
**VAPOR DENSITY:** N/A                      **EVAPORATION RATE:** Slower than water.  
**MATERIAL V.O.C. (%)** 2.70                      **SOLUBILITY IN WATER:** Miscible  
**APPEARANCE AND ODOR:** Ammoniacal

===== **SECTION IV - FIRE AND EXPLOSION HAZARD DATA** =====

**FLASH POINT:** Not Determined                      **METHOD USED:** TCC  
**FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER:** N/A                      **UPPER:** N/A

**EXTINGUISHING MEDIA:** Water, Foam, Carbon Dioxide, Dry Chemical

**SPECIAL FIREFIGHTING PROCEDURES:**  
Not normally combustible, vapors when heated may be heavier than air.  
Wear self-contained breathing apparatus and full turn out gear to fight fire.

## **UNUSUAL FIRE AND EXPLOSION HAZARDS**

Heat may cause closed containers to build pressure and explode.

Cool with water spray.

## ===== SECTION V - REACTIVITY DATA =====

**STABILITY:** Stable

### **CONDITIONS TO AVOID**

Storage at temperatures over 150 Deg F may cause explosion due to pressure buildup within a closed vessel.

### **INCOMPATIBILITY (MATERIALS TO AVOID)**

Strong oxidants.

### **HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

high temperature decomposition may result in traces of toxic materials being formed.

**HAZARDOUS POLYMERIZATION:** None Known.

## ===== SECTION VI - HEALTH HAZARD DATA =====

### **INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Could produce headache, nausea, and dizziness.

### **SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Strong eye irritant. Possible mild skin irritant.

### **SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Mild skin irritant due to alkaline pH. Skin rash possible.

### **INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Unlikely route of entry but could be toxic if ingested.

### **HEALTH HAZARDS (ACUTE AND CHRONIC)**

N/A

**CARCINOGENICITY:** NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: N/A

### **MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE**

Contains ammonia which could aggravate previously existing respiratory conditions.

### **EMERGENCY AND FIRST AID PROCEDURES**

Eye contact - Flush with clean water for 10 - 15 minutes.

Skin contact - Wash with warm soapy water.

Inhalation - Remove to fresh air and give artificial respiration if necessary.

Ingestion - Induce vomiting only if victim is conscious.

## ===== SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

May be flushed with water to clean if wash water is properly disposed of OR cover with inert, absorbent material and remove to disposable container. Observe all relevant Federal, State and Local laws.

**WASTE DISPOSAL METHOD**

Obey relevant Local, State and Federal laws.  
Do not contaminate any lakes streams, ponds or underground water supply.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Avoid contact with eyes, skin, and clothing. Use with adequate ventilation.  
Store at temperatures below 150 Deg F.

**OTHER PRECAUTIONS**

N/A

===== SECTION VIII - CONTROL MEASURES =====

**RESPIRATORY PROTECTION**

use OSHA/NIOSH approved respirator as necessary.

**VENTILATION**

Local exhaust.

**PROTECTION GLOVES**

Wear gloves - PVC or latex rubber.

**EYE PROTECTION**

Wear splash goggles at all times.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

N/A

**WORK/HYGIENIC PRACTICES**

Normal hygienic practices should be followed. Wash hands before eating.

===== SECTION IX - DISCLAIMER =====

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