



# Material Safety Data Sheet-CML-Oil Base Plus Copper Gold

Date:2/6/2001

		H	M	I	S	
		<b>Hazard Ratings</b>				<b>Health</b> 1
Minimal	0	Serious	3			
Slight	1	Severe	4	<b>Flammability</b> 1		
Moderate	2			<b>Reactivity</b> 0		

Material Safety and Data Sheet prepared by G. Lindquist, Consultant

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### DISTRIBUTOR:

Van Son Holland Ink Corporation of America  
92 Union Street, Mineola, NY 11501  
Emergency Telephone:516-294-8811

### MANUFACTURER:

Van Son Royal Dutch Printing Ink Factories  
Hilversum, Holland

### Product Class:

Offset Ink Metallic

**Chemtrec 24 Hour Emergency No-800-424-9300**

### Trade Name:

CML-Oil Base Plus Copper Gold

**Manufacturer's Code ID: VS727, VS777**

## 2. INGREDIENT COMPOSITION INFORMATION

Ingredient	CAS No.	WT%	OSHA (PEL)	ACGIH (TLV)	Carcinogen
Organic Pigments	Various	4-6	3.5mg/M3	3.5mg/M3	No
Metallic Varnish Proprietary		40-50	N/A	N/A	No
Heavy Petroleum Aliphatic Naphtha	64742-96-7	15-30	5mg/M3	N/A	No
Light Petroleum Distillate	64741-91-9	15-30	5mg/M3	N/A	No
Aluminum	7429-90-5	20-26	N/A (as dust)	10mg/M3 (as dust)	No

## 3. HAZARDS IDENTIFICATION

OSHA Hazard Communication 29 CFR 1910.1200 .....Manganese Compound

## 4. FIRST AID MEASURES

### EFFECTS OF OVEREXPOSURE

- Eye Contact-** Direct contact may cause irritation.
- Skin Contact-** Prolonged contact or repeated exposure may cause irritation.
- Inhalation-** Excess inhalation of mist or vapor may cause dizziness, nausea or irritation of nasal and respiratory passages.
- Ingestion-** May cause gastrointestinal irritation.
- Medical Conditions aggravated by normal exposure-**Persons with dermatitis should avoid skin contact.
- Target Organs-** Skin, eyes, lungs.
- Primary Routes of entry-**Eyes, inhalation, dermal.

### EMERGENCY FIRST AID PROCEDURES

- Eye Contact-** Flush with large amounts of water until irritation subsides. If irritation persists, contact a physician.
- Skin Contact:-** Wash with soap and water. Remove contaminated clothing and wash thoroughly before reusing.
- Ingestion-** If swallowed, do not induce vomiting. Call a physician.
- Inhalation-** Remove individual to fresh air.

## 5. FIRE FIGHTING MEASURES

- Flash Point**.....Above 250° F Method Used: Closed Cup
- Explosion Limits**.....LEL: N/A; UEL: N/A
- Extinguishing Media**.....Foam, carbon dioxide, dry chemical. Water spray may be applied to cool exposed closed containers.
- Unusual Fire and Explosion Hazards**.....Dense smoke may be generated when burning. Carbon Monoxide and Carbon Dioxide generated as combustion products.
- Special Fire Fighting Procedures**.....Self-contained breathing apparatus recommended.

## 6. ACCIDENTAL RELEASE MEASURES

- Procedure when material spilled or released:** Wipe up. Dispose of wipes in approved waste containers. If Petroleum Hydrocarbon is used, provide sufficient ventilation.
- Waste Disposal Method:** Dispose of in accordance with Federal, State and Local regulations.

**7. HANDLING AND STORAGE**

**Handling:** Avoid storage above 90° F. Keep containers closed when not in use.  
**Other Precautions:** None required.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Ventilation:** Use sufficient ventilation.      **Eye Protection:** Goggles recommended.  
**Protective Gloves:** Gloves recommended.      **Other Protection:** None recommended.  
**Respiratory Protection:** None required.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Volatile Organic Compounds: (VOCs)</b> 2.60-3.30 lbs./gallon	<b>320-400 Grams/liter Method 24</b>
<b>Boiling Range °F:</b> > 492-592	<b>Freezing Point °F:</b> N/A
<b>Vapor Density vs. Air:</b> Heavier	<b>Vapor Pressure:</b> Less than 0.04psi
<b>Density:</b> 10.1 lbs./ gallon <b>ASTM D1475</b>	
<b>Specific Gravity:</b> 1.20	
<b>Type of Odor:</b> Mild Petroleum	<b>Odor Threshold:</b> High
<b>Appearance:</b> Metallic Paste	<b>pH:</b> N/A
<b>Evaporation Rate vs. Butyl Acetate:</b> Slower	
<b>Coefficient of Water/oil Distribution:</b> N/A	
<b>Percentage Volatile By Weight:</b> 32-40% <b>ASTM D2369</b>	

**10. STABILITY AND REACTIVITY**

**Product Stability:** Stable  
**Conditions to Avoid:** Strong oxidizing agents. Avoid storage above 90°F. Keep containers closed when not in use.  
**Hazardous Decomposition Products:** Carbon Monoxide, Carbon Dioxide and Smoke.  
**Hazardous Polymerization:** Will not occur.

**11. TOXICOLOGICAL INFORMATION**

**Carcinogen**.....Contains no materials that are considered carcinogenic by National Toxicology Program (NTP) or OSHA.  
**Mutagen** .....No  
**Teratogen** .....No  
**Reproductive Toxicity** No

**12. ECOLOGICAL INFORMATION**

This product has not been evaluated, but there is no evidence to suggest it will cause any significant environmental problem.

**13. DISPOSAL CONSIDERATIONS**

**Material Released or spilled:** This product is not regulated under the Federal Resource Conservation and Recovery Act (RCRA) as a hazardous waste. State and/or local regulations may apply. Spill should be contained, absorbed with suitable absorbent material and placed in suitable containers for disposal in a licensed facility in accordance with Local, State and Federal laws. Do not discharge into waterways or sewer systems.

**14. TRANSPORT INFORMATION**

**DOT (HM 181) :** Not required      **Shipping Labels:** None required

**15. REGULATORY INFORMATION**

**TSCA (Toxic Substance Control Act)** ..... All ingredients listed in TSCA Inventory  
**CERCLA Superfund 40CFR 117.302** .....Contains no reportable materials  
**SARA Title III** .....20-26% Aluminum  
**FDA** .....This printing ink is not a food additive and would not have approval for direct or indirect contact with food.  
**EINECS (European Economic Community)** ....All ingredients listed.  
**California Proposition 65** .....None  
**CONEG Legislation** .....Meets all current State Heavy Metal limitations.

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