



**Material Safety Data Sheet - Magnetic Black**

Date: 2/6/2001

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

Material Safety and Data Sheet prepared by Gus Lindquist

**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

**Product Class:** Offset Ink Non-oxidizing

**Trade Name:** Magnetic Black

**MANUFACTURER:** Van Son Holland Ink Corporation of America  
92 Union Street, Mineola, NY 11501

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

**Manufacturer's Code ID:** M1115

**2. INGREDIENT COMPOSITION INFORMATION**

Ingredient	CAS No.	WT%	OSHA (PEL)	ACGIH (TLV)	Carcinogen
Magnetic Iron Oxide	1317-61-9	60-70	N/A	N/A	No
Synthetic Resins	Various	5-10	N/A	N/A	No
Vegetable Oil	Various	20-35	N/A	N/A	No
Includes					
Linseed Oil	8001-26-1				
Soy Oil	8001-22-7				

**3. HAZARDS IDENTIFICATION**

OSHA Hazard Communication 29 CFR 1910.1200 .....None

**4. FIRST AID MEASURES**

**EFFECTS OF OVEREXPOSURE**

- Eye Contact** .....Direct contact may cause irritation.
- Skin Contact** .....Prolonged contact or repeated exposure may cause minor 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 required.  
**Respiratory Protection:** None required.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Volatile Organic Compounds: (VOCs)</b> 0.19 lbs./gallon	<b>90 Grams/liter Method 24</b>
<b>Boiling Range °F:</b> > 500°	<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> 15.80 lbs./ gallon <b>ASTM D1475</b>	<b>Specific Gravity:</b> 1.90
<b>Type of Odor:</b> Oily	<b>Odor Threshold:</b> High
<b>Appearance:</b> Black viscous 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> 2.1% <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:** None.  
**Hazardous Polymerization:** Will not occur.

**11. TOXICOLOGICAL INFORMATION**

**Carcinogen** ..... Contains no materials that are considered carcinogenic by OSHA or the National Toxicology Program (NTP), or the International Agency for Research on Cancer (IARC).  
**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**.....None  
**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 and Heavy Metal limitations.  
**Canadian WHMIS**.....Non-controlled product  
**Vegetable Ink Printing Act of 1994** .....Meets the 20% minimum requirement of vegetable oil in sheet fed inks

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