



Material Safety Data Sheet
OFFSET BLACK INK NON-OXIDIZING

Date: 2/6/2001

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

Material Safety and Data Sheet prepared by Gus Lindquist

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

DISTRIBUTOR: Van Son Holland Ink Corporation of America **PARENT COMPANY:**
 92 Union Street, Mineola, NY 11501 Van Son Royal Dutch Printing Ink Factories
Emergency Telephone: 516-294-8811 Hilversum, Holland
Product Class: Offset Black Ink Non-oxidizing **Chemtrec 24 Hour Emergency No-800-424-9300**

TRADE NAMES	MANUFACTURER'S CODE ID
AB Dick Acrylic Base Dense Black	10-2001, 10-2001-5
AB Dick Acrylic Base PANTONE Black	10-2013, 10-2013-5
AB Dick Acrylic Base Process Black	10-2026, 10-2026-5
Black 40904.....	VS100, VS150
Black Diamond.....	VS154
Colorlok Black.....	CL17110, CL17111, CL57110, CL57111
Infinity Black.....	VS103, VS153
Meg-a-magic Black.....	VS200
Rubber Base Plus Black 10850.....	VS101, VS151
Rubber Base Plus Black 12630.....	VS102, VS152
Soy Web Forms Black.....	VS38111
Sterling Black.....	VS107, VS157
Very Special Black Sable.....	17011,47011,57011
Very Special Midnight Black.....	17014, 47014, 57014

2. INGREDIENT COMPOSITION INFORMATION

Ingredient	CAS No.	WT%	OSHA (PEL)	ACGIH (TLV)	Carcinogen
Carbon Black	133-86-4	15-25	3.5mg/M3	3.5mg/M3	See 11
Organic Pigments	Various	2-10	3.5mg/M3	3.5mg/M3	No
Synthetic Resins	Various	30-50	N/A	N/A	No
Vegetable Oil	8001	20-30	N/A	N/A	No
Naphthenic Severe Hydrotreated Middle Distillate	64742-53-6	0-30	5mg/M3	N/A	No
Polymeric Wax Blend	N/A	0-10	N/A	N/A	No

3. HAZARDS IDENTIFICATION

OSHA Hazard Communication 29 CFR 1910.1200.....Carbon Black (dry pigment)

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

Volatile Organic Compounds (VOCs) 0.20 - 1.90 lbs./gallon	23 - 220 Grams/liter Method 24
Boiling Range °F: > 500°	Freezing Point °F: N/A
Vapor Density vs. Air: Heavier	Vapor Pressure: less than 0.04psi
Density: 8.50 - 9.00 lbs./ gallon ASTM D1475	Specific Gravity: 1.02-1.07
Type of Odor: Oily	Odor Threshold: N/A
Appearance: Black viscous paste.	pH: N/A
Evaporation Rate vs. Butyl Acetate: Slower	Coefficient of Water/oil Distribution: N/A
Percentage Volatile By Weight: 2 - 22% ASTM D2369	

10. STABILITY AND REACTIVITY

Product StabilityStable
Conditions to AvoidStrong oxidizing agents. Avoid storage above 90°F.
Keep containers closed when not in use.

Hazardous Decomposition Products ...None.
Hazardous PolymerizationWill not occur.

11. TOXICOLOGICAL INFORMATION

Carcinogen.....No *OSHA in December 1996 ruled that a printing ink mixture containing carbon black as evaluated by the International Agency for Research on Cancer (IARC) is "not classifiable as to their carcinogenicity to humans" (Group 3). Carbon Black is not present in such a form so as to present an exposure problem for employees. No materials present are considered carcinogenic by National Toxicology Program (NTP).*

Mutagen.....No

TeratogenNo

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 65None
CONEG Legislation.....Meets all current State and Heavy Metal limitations.
Canadian WHMISNon-controlled product
Vegetable Ink Printing Act of 1994.....Meets the 20% minimum requirement of vegetable oil in sheet fed inks

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