

"M"

MATERIAL SAFETY DATA SHEET

TRADE NAME: VanSon Black Inks

DATE: May, 1992

I. Name/Synonym: Oil Base Ink

Part Number: See Page 4

Distributor:
Van Son Holland Ink Corp. of American
92 Union Street
Mineola, NY 11501

Manufacturer: Corp. of America
Boston Printing Ink Div.
1 Harrison Blvd.
Avon, MA 02322

Emergency Phone - (516) 294-8811 (508) 580-2610

II. INGREDIENTS - Confidential Information for Safety/Health Use Only

<u>Chemical Name</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH, NIOSH TLV, EXPOSURE LIMITS</u>		<u>NTP, IARC OSHA</u>	<u>WT %</u>
			<u>TWA</u>	<u>STEL</u>		
<u>petroleum hydrocarbon hydrotreated</u>	<u>64742-46-7</u>	<u>5mg/m3</u>	<u>N/A</u>	<u>N/A</u>	<u>No</u>	<u>10-30</u>
<u>carbon black</u>	<u>1333-86-4</u>	<u>3.5mg/m3</u>	<u>3.5mg/m3</u>	<u>N/A</u>	<u>No</u>	<u>15-25</u>
<u>synthetic resins</u>	<u>various</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>No</u>	<u>24-40</u>
<u>vegetable oil</u>	<u>8001-various</u>	<u>5mg/m3</u>	<u>N/A</u>	<u>N/A</u>	<u>No</u>	<u>15-30</u>
<u>polymeric wax blends</u>	<u>N/A</u>	<u>15mg/m3</u>	<u>10mg/m3</u>	<u>N/A</u>	<u>No</u>	<u>5-10</u>
<u>cobalt tallate</u>	<u>61789-52-4</u>	<u>0.1mg/m3</u>	<u>N/A</u>	<u>N/A</u>	<u>No</u>	<u>1-3</u>
<u>Manganese tallate</u>	<u>61788-58-7</u>	<u>5mg/3m</u>	<u>N/A</u>	<u>N/A</u>	<u>No</u>	<u>1-3</u>

III. PHYSICAL PROPERTIES

Boiling Range: ('F): 500-590°F Specific Gravity (H2O = 1) Heavier
 Vapor Pressure (mm Hg.): N/A Melting Point: N/A
 Vapor Density (Air = 1): Heavier Evaporation Rate:
 Solubility in Water: Insoluble (butyl acetate = 1) Much Slower
 Appearance/Odor: Black paste, Percent Volatile: 10-30
Oily Odor

IV. FIRE AND EXPLOSION HAZARD

Flash Point (Method): 250°F closed cup Flammable Limits: LEL:N/A UEL:N/A

Extinguishing Media: CO2, foam, dry chemical.

Special Fire Fighting Procedure: Use water to keep containers cool.

Water will not be effective in fighting fires.

Unusual Fire/Explosion Hazards: Dense smoke may be generated while burning.

N/A = Not Applicable

V. REACTIVITY DATA

Stability: Stable Conditions to Avoid: Excess heat
Incompatibility, Materials to Avoid: None, non-reactive material.
Hazardous Decomposition Products: None
Hazardous Polymerization: Will not occur

VI. SPILL OR LEAK PROCEDURE/WASTE DISPOSAL

Wipe up. Dispose of wipes in approved waste containers. If petroleum hydrocarbon is used, provide sufficient ventilation. Disposal: should be done in accordance with Federal, State and Local regulations.

VII. HEALTH HAZARD DATA

A) Routes of entry, signs and symptoms of overexposure, acute and chemical effects.

Eye: Direct contact may cause eye irritation

Skin: Prolonged contact may cause minor skin irritation

Inhalation: N/A

Ingestion: Not a normal route of entry.

Target Organs: Skin

B) Carcinogenicity: Ingredients not found in NTP, OSHA or IARC.

C) Medical conditions generally aggravated by normal exposure: Persons with dermatitis should avoid skin contact

D) Emergency and First Aid

Eye: Flush with water.

Skin: Wash with soap and water.

Inhalation: N/A

Ingestion: Do not induce vomiting. Get medical aid.

VIII. SPECIAL PROTECTION INFORMATION

Respiration Protection: Not required.

Ventilation: General ventilation is sufficient

Protective Gloves: Not required unless presses are washed with solvent

Eye Protection: None required

Other Protection: None required.

IX. SPECIAL PRECAUTIONS

Handling and Storage: Avoid storage in hot areas. Keep containers closed when not in use.

Other: Read and follow label precautions. Do not reuse container. For Commercial/Industrial use only. Keep from reach of children.

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VanSon Black Inks P/N (See below)

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P A R T N U M B E R			D E S C R I P T I O N
1 lb.	5lb.	Cartridge	
VS100	VS150	VS120	Black #40904
VS745	VS795	N/A	Black #22011
VS394	VS594	N/A	Tough Tex #10577
VS109	N/A	N/A	Magnetic Black #68841

X. ENVIRONMENTAL DATA

Hazardous Substance (40 CFR 372: SARA Sec. 313)

None

Reportable Quantity (40 CFR 355: SARA Sec. 302)

None

Hazardous Substance (40 CFR 302: CERCLA Table 302.4)

None

Volatile Organic Compounds

2.5 lbs./gallon, 0.3 lbs./lb. or 300 grams/liter (calculated)

SARA Hazard Class

Acute: no Chronic: no Fire: no Pressure: no Reactivity: no

NFPA Hazard Rating

Health: 1 Flammability: 1 Reactivity: 0 Specific Hazard: N/A

The chemicals in this product are listed on the TSCA inventory.

DISCLAIMER

The information contained in this Material Safety Data Sheet is furnished without warranty of any kind. AM Multigraphics believes that the information contained herein is current as of the revision date of this MSDS. Since the conditions of use of this product are beyond the control of AM Multigraphics, it is the obligation of the user to determine the conditions for safe use.