



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

Material Safety and Data Sheet prepared by Wim De Boer

**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 No Drier  
**Trade Name:** Infinity Black

**MANUFACTURER:**  
Van Son Royal Dutch Printing Ink Factories,  
Hilversum, Holland  
**Chemtrec 24 Hour Emergency No-800-424-9300**  
**Manufacturer's Code ID:** VS103/153

**2. INGREDIENT COMPOSITION INFORMATION**

Ingredient	CAS No.	WT%	OSHA (PEL)	ACGIH (TLV)	Carcinogen
Carbon Black	1333-86-4	15-30	3.5mg/M3	3.5mg/M3	No
Organic Pigments	See Table 2	2-10	3.5mg/M3	3.5mg/M3	No
Synthetic Resins	Various	30-45	N/A	N/A	No
Severe Acid Treated Middle Distillate	64742-13-8	10-15	5mg/M3	N/A	No
Severe Solvent Refined Middle Distillate	64741-91-9	10-15	5mg/M3	N/A	No
Polymeric Wax Blend	N/A	5-10	N/A	N/A	No

**3. HAZARDS IDENTIFICATION**

OSHA Hazard Communication 29 CFR 1910.1200 .....Carbon Black

**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> 1.92 lbs./gallon	<b>230 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> 8.8 lbs./ gallon <b>ASTM D1475</b>	<b>Specific Gravity:</b> 1.06
<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> 22% <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 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**.....Controlled product

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