



**Material Safety Data Sheet – Wide Format Inkjet-Black**

Date: 2/26/2001

		<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 0</b>	
Moderate	2			<b>Reactivity 0</b>	

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

**Product Class:** Wide Format Ink Jet Black

**Trade Name:** Wide Format Inkjet Black

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

**Manufacturer's Code ID:**

1010, 1011, 1015, 1019, 1023, 1027, 1031,  
1035, 1036, 1037

**2. INGREDIENT COMPOSITION INFORMATION**

Ingredient	CAS No.	WT%	OSHA (PEL)	ACGIH (TLV)	Carcinogen
2 Pyrrolidone	616-45-5	1-10	N/A	N/A	No
	Prop				
Cohemical Hazardous	FL Prop 99	1-10	N/A	N/A	No
Dyestuff (Proprietary)	FL Prop 54	N/A	N/A	N/A	No
Water	7732-18-5	60-85	N/A	N/A	No

[Proprietary ingredients registered under New Jersey Secret Act]

**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 irritation.
- Inhalation** .....No effects known to exist.
- Ingestion** .....May cause gastrointestinal irritation, vomiting, nausea and diarrhea.  
May be harmful or fatal if swallowed.
- Medical Conditions aggravated by normal exposure:** None known.
- Target Organs:** .....Skin, eyes.
- Primary Routes of entry** .....Eyes and 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** .....Do not induce vomiting. Call a physician immediately.
- **Inhalation** .....Remove individual to fresh air.

**5. FIRE FIGHTING MEASURES**

- Flash Point** .....N/A
- Explosion Limits** .....N/A
- Extinguishing Media** .....None
- Unusual Fire and Explosion Hazards** .....None
- Special Fire Fighting Procedures** .....None

**6. ACCIDENTAL RELEASE MEASURES**

- Procedure when material spilled or released:** Wipe up. Dispose of wipes in approved waste containers.  
Flush with water. 100% water soluble.
- 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> 0.3 lbs./gallon	<b>20 Grams/liter Method 24</b>
<b>Boiling Range °F:</b> > 212	<b>Freezing Point °F:</b> N/A
<b>Vapor Density vs. Air:</b> Heavier	<b>Vapor Pressure:</b> N/A
<b>Density:</b> 8.4 lbs./ gallon <b>ASTM D1475</b>	<b>Specific Gravity:</b> 1.01
<b>Type of Odor:</b> Mild	<b>Odor Threshold:</b> N/A
<b>Appearance:</b> Black liquid.	<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> 85% <b>ASTM D2369</b>	<b>Solubility in Wate:</b> Complete

**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:** Oxides of carbon and nitrogen.  
**Hazardous Polymerization:** Will not occur.

**11. TOXICOLOGICAL INFORMATION**

**Carcinogen** ..... Contains no materials that are considered carcinogenic by National Toxicology Program (NTP), International Agency for Research on Cancer (IARC) 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**.....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.  
**New Jersey** .....Ingredients registered as trade secret.

This information is furnished without warranty, express or implied, except that it is accurate to the best of the knowledge of Van Son Holland Ink Corporation of America. The data on this sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. The hazards covered are believed to be those most likely to occur in the reasonable or ordinary use of these materials. Van Son Holland Ink Corporation of America assumes no legal responsibility for use or reliance on this data.