1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**MANUFACTURER:** Van Son Holland Ink Corporation of America

185 Oval Drive Islandia, NY 11749

**Emergency Telephone:** 631-715-7000

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

**Trade Name:** Rubber Base Plus Colors

**MANUFACTURER:** Van Son Royal Dutch Printing Ink Factories, Hilversum, Holland

Chemtrec 24 Hour Emergency No-800-424-9300

Manufacturer’s Code ID: VS300 to 360, 500 to 560

2. INGREDIENT COMPOSITION INFORMATION

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS No.</th>
<th>WT %</th>
<th>OSHA (PEL)</th>
<th>ACGIH (TLV)</th>
<th>Carcinogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organic Pigments</td>
<td>See Table 2</td>
<td>15-25</td>
<td>3.5mg/M3</td>
<td>3.5mg/M3</td>
<td>No</td>
</tr>
<tr>
<td>Synthetic Resins</td>
<td>Various</td>
<td>20-40</td>
<td>N/A</td>
<td>N/A</td>
<td>No</td>
</tr>
<tr>
<td>Naphthenic Severe Hydrotreated Middle Distillate</td>
<td>64742-53-6</td>
<td>10-30</td>
<td>5mg/M3</td>
<td>N/A</td>
<td>No</td>
</tr>
<tr>
<td>Vegetable Oil Includes</td>
<td>Various</td>
<td>20-30</td>
<td>N/A</td>
<td>N/A</td>
<td>No</td>
</tr>
<tr>
<td>Linseed Oil</td>
<td>8001-26-1</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Soy Oil</td>
<td>8001-22-7</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polymeric Wax Blend</td>
<td>N/A</td>
<td>2-5</td>
<td>N/A</td>
<td>N/A</td>
<td>No</td>
</tr>
</tbody>
</table>

3. HAZARDS IDENTIFICATION

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.

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.

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.

Protective Gloves: Gloves recommended.

Respiratory Protection: None required.

Goggles recommended.

Other Protection: None required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Volatile Organic Compounds: (VOCs) 1.10-1.60 lbs./gallon 130-198 Grams/liter Method 24

Boiling Range °F: > 570

Vapor Density vs. Air: Heavier

Density: 8.7-9.5 lbs./gallon ASTM D1475

Type of Odor: Oily

Appearance: Color viscous paste.

Evaporation Rate vs. Butyl Acetate: Slower

Percentage Volatile By Weight: 14-205% ASTM D2369

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). The International Agency for Research on Cancer (IARC) lists cobalt compounds and carbon black as possible human carcinogens (Class 2B.).

Mutagen: No

Teratogen: No

12. ECOLOGICAL INFORMATION

This product has not been evaluated, but there is no evidence to suggest it will cause any significant environmental prob-

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

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 ........................................... 1% Cobalt Compound and 1% Manganese Compound. Barium Compounds present. Request Table 1.

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 .......................... Pigment Red 53.1. Request Table 1.

CONEG Legislation ................................ Meets all current State and Heavy Metal limitations.

Canadian WHMIS .................................. Non-controlled product

Prepared by W. DeBoer

Date 11/30/2006

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