1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

DISTRIBUTOR: Van Son Holland Ink Corporation of America
185 Oval Drive Islandia, NY 11749
Emergency Telephone: 631-715-7000
Product Class: Offset Black Ink Non-oxidizing
Trade Name: Rubber Base Plus Black 10850/12630, PANTONE Black

MANUFACTURER: Van Son Royal Dutch Printing Ink Factories,
Hilversum, Holland
Chemtrec 24 Hour Emergency No-800-424-9300
Manufacturer’s Code ID: VS101/151 VS102/152, VS310/510

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>
</tr>
</thead>
<tbody>
<tr>
<td>Carcinogen</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carbon Black</td>
<td>1333-86-4</td>
<td>15-25</td>
<td>3.5 mg/M3</td>
<td>3.5 mg/M3</td>
</tr>
<tr>
<td>Organic Pigments</td>
<td>Various</td>
<td>2-10</td>
<td>3.5 mg/M3</td>
<td>3.5 mg/M3</td>
</tr>
<tr>
<td>Synthetic Resins</td>
<td>Various</td>
<td>30-50</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Naphthenic Severe Hydrotreated Middle Distillate</td>
<td>64742-53-6</td>
<td>15-20</td>
<td>5mg/M3</td>
<td>N/A</td>
</tr>
<tr>
<td>Vegetable Oil Includes</td>
<td></td>
<td>20-30</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Linseed Oil</td>
<td>8001-26-1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Soya Oil</td>
<td>8001-22-7</td>
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</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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Volatile Organic Compounds: (VOCs) 1.32 lbs./gallon 158 Grams/liter Method 24

Boiling Range °F: > 570

Vapor Density vs. Air: Heavier

Density: 8.77 lbs./gallon ASTM D1475

Type of Odor: Oily

Appearance: Black viscous paste.

Evaporation Rate vs. Butyl Acetate: Slower

Percentage Volatile By Weight: 16% ASTM D2369

10. STABILITY AND REACTIVITY

Product Stability: Stable

Conditions to Avoid: Strong oxidizing agents. Avoid storage above 90°F.

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 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 .........................................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.
Canadian WHMIS ...................................No
California Proposition 65 ..........................None
CONEG Legislation ..................................Meets all current State and Heavy Metal limitations.
Vegetable Ink Printing Act of 1994 ..............Meets the 20% minimum requirement of vegetable oil in sheet fed inks

This information is furnished without warranty, expressed 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.

Prepared by W. DeBoer Date 11/30/2006