Material Safety Data Sheet -
Van Son Smooth Lith
Date: 2/6/2001

Material Safety and Data Sheet prepared by Gus Lindquist, Consultant

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

   MANUFACTURER: Van Son Holland Ink Corporation of America
   92 Union Street, Mineola, NY 11501

   Emergency Telephone: 516-294-8811
   Product Class: Printing ink additive
   Trade Name: Van Son Smooth Lith

   Chemtrec 24 Hour Emergency No: 800-424-9300
   Manufacturer's Code ID: VS 2150

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>Technical White Oil</td>
<td>8042-47-5</td>
<td>85-95</td>
<td>N/A</td>
<td>N/A</td>
<td>No</td>
</tr>
<tr>
<td>Starch</td>
<td>9005-25-8</td>
<td>3-5</td>
<td>N/A</td>
<td>N/A</td>
<td>No</td>
</tr>
<tr>
<td>Silicon Dioxide</td>
<td>7631-86-9</td>
<td>4-6</td>
<td>N/A</td>
<td>10mg/M3</td>
<td>No (as dust)</td>
</tr>
</tbody>
</table>

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: Excess inhalation of mist or vapor may cause dizziness, nausea or irritation of nasal and respiratory passages.
   Ingestion: May cause gastrointestinal irritation and diarrhea.
   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: Remove contaminated clothing and wash thoroughly before reusing. Wash affected skin areas with soap and water. Seek medical attention if irritation persists.
   - Ingestion: If swallowed, do not induce vomiting. Call a physician or poison control center.
   - Inhalation: Remove individual to fresh air.

5. FIRE FIGHTING MEASURES

   Flash Point: Above 310°F Method used: closed cup
   Explosion Limits: LEL: 1.1 – UEL: 6.0
   Extinguishing Media: Foam, carbon dioxide, dry chemical fire extinguisher. 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 for flammable liquids. 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—Impermeable gloves recommended to prevent skin irritation and absorption.
Respiratory Protection—None required.
Eye Protection—Safety glasses are recommended.
Other Protection—None recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Volatile Organic Compounds: (VOCs) 1.80 lbs./gallon
Boiling Range: °F: 595-725
Vapor Density vs. Air: Heavier
Density: 6.90 lbs./gallon ASTM D1475
Type of Odor: Mild hydrocarbon
Appearance: Viscous white liquid
Evaporation Rate vs. Butyl Acetate: Slower
Percentage Volatile By Weight: 90% ASTM D2369

10. STABILITY AND REACTIVITY

Product Stability: Stable
Conditions to Avoid: Strong oxidizing agents, acids and bases. 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 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 product 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.

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 Gus Lindquist, Consultant

Date 2/6/2001