



HOLLAND INK CORPORATION OF AMERICA
92 Union Street, Mineola, NY 11501

Material Safety Data Sheet
Van Son Blanket Fix

MSDS Sheet # 3-3

Date: 9-29-1995

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

Material Safety and Data Sheet prepared by G. 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: Blanket Repair Material

Trade Name: Van Son Blanket Fix

Chemtrec 24 Hour Emergency No-800-424-9300

Manufacturer's Code ID:VS2004

2. INGREDIENT COMPOSITION INFORMATION

Ingredient	CAS No.	WT%	OSHA (PEL)	ACGIH (TLV)	Carcinogen
Cyclic Amine	872-50-4	95	N/A	N/A	No
Hydroxy Propyl Cellulose	9004-64-2	2-5	N/A	N/A	No

3. HAZARDS IDENTIFICATION

OSHA Hazard Communication 29 CFR 1910.1200None

4. FIRST AID MEASURES

EFFECTS OF OVEREXPOSURE

- Eye Contact**Direct contact may cause severe irritation.
- Skin Contact**Prolonged contact or repeated exposure may cause blistering.
- 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, liver and kidneys.
- Primary Routes of entry**Eyes, inhalation, dermal.

EMERGENCY FIRST AID PROCEDURES

- **Eye Contact**Gently 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.
- **Inhalation**Remove individual to fresh air.

5. FIRE FIGHTING MEASURES

- Flash Point TCC**Above 195° F. Method used: Closed cup.
- Explosion Limits**.....LEL: 1.3 / UEL: 9.5
- Extinguishing Media**Foam, carbon dioxide, dry chemical fire apparatus.
Water spray may be applied to cool exposed closed containers.
- Unusual Fire and Explosion Hazards**.....Dense smoke may be generated when burning.
Thermal decomposition causes toxic fumes.
- 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. Vapors may ignite. Material partly water soluble. May float and spread.

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 to prevent degradation by moisture.
- Other Precautions:** Do not breathe vapors. Do not get in eyes.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Ventilation:** Use sufficient ventilation.
- Protective Gloves:** Impermeable gloves recommended to prevent skin irritation and absorption.
- Respiratory Protection:** NIOSH Respirator during prolonged use.
- Eye Protection:** Safety glasses are recommended.
- Other Protection:** Apron, if splashing is possible.

9. PHYSICAL AND CHEMICAL PROPERTIES

Volatile Organic Compounds: (VOCs)	1.68 lbs./gallon	200 Grams/liter Method 24
Boiling Range °F:> 396		Freezing Point °F: N/A
Vapor Density vs. Air: Heavier		Vapor Pressure: 0.29mm Hg
Density: 8.60 lbs./ gallon ASTM D1475		
Specific Gravity: 1.03		
Type of Odor: Amine Like		Odor Threshold: High
Appearance: Gel		pH: 10-11
Evaporation Rate vs. Butyl Acetate: Slower		
Coefficient of Water/oil Distribution: N/A		
Percentage Volatile By Weight: 95% 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 Yes

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) : Combustible Liquid N.O.S. NA1993 (NMP) Packaging Group III

Shipping Labels: Combustible Liquid N.O.S.

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 Heavy Metal limitations.

Canadian WHMIS Non controlled product

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