

# SAFETY DATA SHEET

VAN SON BLANKET FIX

DATE: 1/1/2015

## 1. CHEMICAL NAME AND COMPANY IDENTIFICATION

**Formulated/Manufactured By:** Van Son Holland Ink Corp.  
888 Veterans Memorial Hwy. Suite 440  
Hauppauge, NY 11788

**Information Telephone Number:** 1-800-527-8626 or 610-253-6206

**For Chemical Spill Emergency Call:** CHEMTREC: 1-800-424-9300

**Product Number:** 2004

**Product Name:** VAN SON BLANKET FIX (Repair Material and Restorer)


**CAS Number:** Mixture - Not Established

## 2. HAZARD(S) IDENTIFICATION

### GHS Classification

Flammable Liquids (Category 4)  
Specific Target Toxicity - Single Exposure (Category 3)  
Skin Irritation (Category 2)  
Eye Irritation (Category 2A)  
Reproductive Toxicity (Category 1B)

### GHS label elements, including hazard and precautionary statements

Pictogram(s) 

Signal Word DANGER!

Hazard statement(s)  
H227: COMBUSTIBLE LIQUID.  
H335: MAY CAUSE RESPIRATORY IRRITATION.  
H315: CAUSES SKIN IRRITATION.  
H319: CAUSES SERIOUS EYE IRRITATION.  
H360: MAY DAMAGE FERTILITY OR THE UNBORN CHILD.

Precautionary statement(s)  
Prevention:  
P201: OBTAIN SPECIAL INSTRUCTIONS BEFORE USE.  
P210: KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES AND OTHER IGNITION SOURCES.  
NO SMOKING.  
P261: AVOID BREATHING DUST/FUMES/GAS/MIST/VAPOR/SPRAY.  
P280: WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.  
P264: WASH SKIN THOROUGHLY AFTER HANDLING.  
Response:  
P370+P378: IN CASE OF FIRE: USE DRY CHEMICAL, DRY SAND OR CARBON DIOXIDE TO EXTINGUISH.  
P304+P340: IF INHALED: REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING.  
P305+P351: IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES.  
P302+P352: IF ON SKIN: WASH WITH PLENTY OF WATER.  
P308+P313: IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE.

Storage:

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P403+P233+P405: STORE IN A WELL-VENTILATED PLACE. KEEP CONTAINER TIGHTLY CLOSED. STORE LOCKED UP.

Disposal:

P501: DISPOSE OF CONTENTS/CONTAINER IN ACCORDANCE WITH LOCAL/REGIONAL/NATIONAL REGULATIONS.

## HMIS Classification

Health Hazard: 2

Flammability: 2

Physical Hazard: 0

Personal Protection: B

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Component(s)</u>	<u>CAS Number</u>	<u>*Concentration (weight)</u>
Cyclic Amine NMP	872-50-4	80-100%
Hydroxypropyl Cellulose	9004-64-2	0.1 - 10%

\* In accordance with paragraph (i) of §1910.1200, exact chemical percentages (concentration) of composition have been withheld as a trade secret.

## 4. FIRST AID MEASURES

**Exposure Routes:** Inhalation, Ingestion, Skin

**Eye Contact:** Flush with large volume of water for at least 15 minutes. Get immediate medical attention.

**Inhalation:** Remove to fresh air. Get immediate medical attention.

**Ingestion:** Get immediate medical attention. Do not induce vomiting.

**Skin Contact:** Flush area with large amounts of water for at least 15 minutes. Get immediate medical attention .

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** Use dry chemical, water spray or carbon dioxide.

**Specific Hazards:** Combustible liquid. Upon combustion, the product may form carbon monoxide and other organic compounds. Product containers may rupture from vapor pressure when exposed to heat from fire.

**Special protective equipment for fire-fighters:** Use self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions and protective equipment:**

**Respiratory Protection:** Use supplied air equipment or respirators with proper NIOSH approved cartridges.

**Protective Gloves:** Impervious or chemical resistant gloves (consult safety equipment supplier).

**Eye Protection:** Chemical splash goggles recommended against potential eye contact.

**Other Protective Clothing and Equipment:** Safety shoes and aprons recommended.

**Methods for Clean-Up:**

**Minor Spills:** Absorb material with ground clay, vermiculite, sand, or similar absorbent material and place into containers for disposal according to local and/or state regulations.

**Major Spills:** Dike and contain spill. Eliminate potential sources of ignition, and shut off source of spill if possible.

Remove liquid by chemical vacuum, absorbent material, or other safe and approved methods, and place into containers for disposal according to local and/or state regulations. Flush area with water to remove residue, and remove flushed solutions as above.

## 7. HANDLING AND STORAGE

**Handling:** Combustible Liquid - empty containers can be hazardous and contain explosive vapors. Keep containers closed when not in use. Ground fixed equipment. Bond and ground transfer equipment and containers.

**Storage:** Store in a cool, dry, ventilated area, away from incompatible substances.

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**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION****Exposure Guidelines:**

<u>COMPONENT</u>	<u>CAS No.</u>	<u>OSHA PEL/TWA</u>	<u>ACGIH TLV/TWA</u>	<u>OTHER RATING</u>
Cyclic Amine NMP	872-50-4	N/E	N/E	10ppm (WEEL) / 40mg/m3(WEEL)
Hydroxypropyl Cellulose	9004-64-2	N/E	N/E	

**Exposure controls:** Avoid open electrical sources near product vapor areas.

**Personal Protection Equipment:**

**Eyes:** Chemical splash goggles recommended.

**Skin and body:** Impervious or chemical resistant gloves (consult safety equipment supplier).

**Respiratory:** Ventilation in work area should be sufficient to maintain atmosphere with vapor level below lowest listed TLV. If TLV's are exceeded, use a respirator with appropriate NIOSH approved cartridges or supplied air equipment.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Clear liquid

**Odor:** Mild, amine-like

**Odor Threshold:** N/A

**pH:** 7.2 @ 10%

**Melting point:** N/A

**Boiling Point:** 399° F (204°C)

**Flash point:** (Tag Closed Cup Method) 196° F (91° C)

**Evaporation Rate:** N/A

**Flammable Limits:**

**LEL:** N/A

**UEL:** N/A

**Vapor Pressure:** 0.320 hPa @ 68° F (20° C)

**Vapor Density:** (Air = 1) 3.4

**Solubility in water:** Complete

**Specific Gravity:** (Water = 1) 1.027 g/m3 @77° F (25° C)

**Maximum VOC Content:** Lb/Gal ( Gm/L)

**Maximum VOC %:** 99%

**Relative Density:** N/A

**Partition Coefficient: N-Octano/Water:** N/A

**Auto-ignition Temperature:** 473° F (245° C)

**Decomposition Temperature:** N/A

**Viscosity:** 1.661 mPa.s @ 25° C

**10. STABILITY AND REACTIVITY**

**Chemical Stability:** Stable

**Incompatible Materials:** Avoid strong oxidizing agents, reducing agents, strong acids, strong alkalis.

**Hazardous Decomposition Products:** Carbon monoxide and carbon dioxide, hydrocarbons, nitrogen compounds.

**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid:** Avoid high heat sources, electrical and welding arcs, exposure to moisture, exposure to light, open flame and strong oxidizing agents.

**Warning:** Spontaneous combustion may occur when solvent soaked combustible material (paper, cotton, etc.) are allowed to stand in confined areas.

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## 11. TOXICOLOGICAL INFORMATION

### (ATE) FOR MIXTURE:

Specific tests have not been conducted on this product. Our evaluations based on information from the ingredients and technical literature. Data for this material has been used to estimate the symptoms and effects of exposure.

### Oral LD50:

LD50 Oral -  $\geq 4,150$  mg/kg

### Dermal LD50:

LD50 Dermal -  $\geq 8,000$  mg/kg

### Inhalation LC50:

LC50 Inhalation -  $\geq 5.1$  mg/l

### Other information on Acute Toxicity:

No data available

**Routes of exposure:** Inhalation, Ingestion, Skin

**Acute:** Overexposure may lead to central nervous system depression, leading to headaches, nausea and unconsciousness.

**Chronic:** Overexposure in high concentrations may produce central nervous system depression

**Signs and Symptoms of Exposure:** Overexposure may lead to dizziness, headaches, dermatitis and eye irritation.

**Medical Conditions Aggravated by Exposure:** Preexisting eye, skin, liver, kidney, nerve, or respiratory disorders may be aggravated by exposure.

**Carcinogenicity (NTP, IARC, OSHA):** Components of this product are not listed as known human carcinogens.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No data available

**Persistence and degradability:** No data available

**Bioaccumulative potential:** No data available

**Mobility in the soil:** No data available

**Other adverse effects:** No data available

## 13. DISPOSAL CONSIDERATIONS

### Waste disposal methods:

Dispose of in accordance with all applicable local, state and federal regulations. Do not discharge this product into lakes, streams, ponds or estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit, and the permitting authority has been notified in writing prior to discharge. Do not discharge this product into sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

## 14. TRANSPORTATION INFORMATION

<u>U.S. D.O.T. DESIGNATION</u>	<u>ID NUMBER</u>	<u>HAZARD CLASS</u>	<u>PACKING GROUP</u>
Cleaning Liquid. Not Regulated.			

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## 15. REGULATORY INFORMATION

**Regulatory Information:** This information may be useful in complying with various federal and state regulations: Components present in this product at a level which could require reporting under EPA Regulation 40CFR302 (CERCLA) Section 102 and EPA Regulation 40CFR372 (SARA) 313: This blend contains approximately 99% Cyclic Amine NMP.

Product may contain components which are further regulated by state and/or local agencies - Consult Appropriate

**Notification status:**

U.S.: Toxic Substances Control Act (TSCA)                    Y  
Canada: Domestic Substances List (DSL):                    Y

## 16. OTHER INFORMATION

**For More Information, Consult Tower Products, Inc.**

**This Information Herein Is Given In Good Faith, But No Warranty, Express Or Implied Is Made.**

**Date of Preparation:** January 1, 2015