

NETWORK BLANKET SAVER 114

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: Photo Systems, Inc.

Product Name: **BLANKET SAVER 114**

Product Number: **23027**

Date Prepared: 09/13/2007

Customer Information Phone Number:

1-800-521-4042

CHEMTREC®: 24 Hour Emergency Transport Phone Number: 1-800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS</u>	<u>OHSA PEL</u>	<u>ACGIH TLV</u>	<u>Weight %</u>
METHYLENE CHLORIDE	75-09-02	25 ppm TWA	25 ppm	85-95
METHYL ALCOHOL	67-56-1	200 ppm (skin)	200 ppm TWA (skin)	1-5

Odor threshold is 205-307 ppm.

3. HAZARDOUS IDENTIFICATION

Emergency Overview: **WARNING! HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH THE SKIN.**

POTENTIAL HEALTH EFFECTS

Eye Contact: Vapors can cause eye irritation. Contact can produce pain, inflammation and temporal eye damage. May cause caustic-like burns.

Inhalation: Causes irritation to the respiratory tract. Has a strong narcotic effect with symptoms of mental confusion, light-headedness, fatigue, nausea, vomiting and headache. Exposure to levels over 1000 ppm may cause formation of carbon monoxide in the blood which affects cardiovascular system and central nervous system. Exposure to levels as low as 10,000 ppm can cause unconsciousness and death by asphyxiation. May cause convulsion or shock. May make symptoms of angina (chest pains) worse and elevate carboxyhemoglobin.

Ingestion: Can cause severe and permanent damage to digestive tract. Causes severe pain, nausea, vomiting, diarrhea and shock. **DO NOT INDUCE VOMITING.** Pneumonia and severe lung damage may be the result if material is aspirated into the lungs. Other symptoms parallel inhalation.

Skin Contact: May cause irritation, redness, and pain. Prolonged contact can cause burns.

Prolonged or repeated contact leads to drying of the skin. Can be absorbed through the skin.

Extensive skin contact, such as immersion should be avoided.

Chronic Exposure: can cause headache mental confusion, depression, liver effects, kidney effects, bronchitis, loss of appetite, nausea, lack of balance, and visual disturbances. Can cause dermatitis upon prolonged skin contact. Methylene chloride may cause cancer in humans.

4. FIRST AID MEASURES

Eye Contact: Immediately flush eyes with water for at least 15 minutes, while lifting the eyelids.

Make sure to remove any lenses from the eyes before rinsing. Get immediate medical attention.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Place unconscious person on the side in recovery position and ensure breathing.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: This product has poor warning properties, If exposure limit is exceeded, wear a full-face SCBA. Follow OSHA respirator regulations found in 29 CFR 1910.134 and 1910.1052 or European Standard EN 149 for approved respirator when necessary.

Ventilation: Local exhaust ventilation is recommended. Ventilation must be adequate to keep hazardous ingredients below their exposure limits of 25 ppm.

Protective Gloves: Impervious gloves are recommended. (neoprene)

Eye Protection: Chemical safety goggles and/or a full face shield where splashing is possible.

Other Protective Clothing or Equipment: Wear appropriate equipment to prevent probability of exposure and personal contact.

Work/Hygienic Practices: Use good personal hygiene when handling this product. Wash hands after use, before smoking or using the toilet. Do not smoke in work area.

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Exposure Guidelines: See Section 2.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance And Odor: Clear colorless liquid with chloroform-like odor.

Solubility In Water: Slight

Boiling Point: 105°F

Specific Gravity: 1.32

Freezing Point: N.E.

Molecular Weight: Not applicable

Melting Point: N.E.

Evaporation Rate: 1.88 (Ethyl Ether =1)

Vapor Density: 11.2 (air =1)

Percent Volatile: 4.1

Ph: 10.92

Pounds Per Gallon: 11.0

Vapor Pressure: 4.0 mmHg @ 75° F

V.O.C. is 39.6g/L or 3% or 0.33 lb../gal.

Odor threshold: 25-50 ppm.

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of use and storage.

Conditions To Avoid: Heat, flames, ignition sources.

Incompatibility: Avoid contact with amines, plastics, rubber, nitric acid, water + heat, and chemically reactive metals such as aluminum and magnesium, strong oxidizing agents and strong alkalis, sodium, potassium, and lithium. Liquid methylene chloride will attack some forms of plastics, rubber and coatings.

Hazardous Decomposition Or By Products: Emits highly toxic fumes of phosgene when heated to decomposition. Decomposes in a flame or hot surface to form toxic gas phosgene and corrosive mists of hydrochloric acid. Carbon dioxide and carbon monoxide may form when heated to decomposition.

Hazardous Polymerization: Will Not Occur

11. TOXICOLOGICAL INFORMATION

Dichloromethane: Oral rat LD50: 1600 mg/kg; inhalation rat LC50: 52 gm/m³; investigated as tumorigen, mutagen, reproductive effector.

Reproductive toxicity: Dichloromethane has been linked to spontaneous abortions in humans, IARC 2B.

12. ECOLOGICAL INFORMATION**13. DISPOSAL CONSIDERATIONS**

Whatever cannot be saved for recovery should be handled as a hazardous waste and sent to a RCRA approved incinerator or disposed in a RCRA approved waste facility. Discharge, treatment or disposal may be subject to Federal, State (provincial in Canada) or local laws.

14. TRANSPORT INFORMATION

DOT Class: DICHLOROMETHANE

Hazard Class: 6.1

UN No.: UN 1593

Packing Group: III

Guide No.: 160

Limited Quantity Exception may apply to this product, for "inner packagings not over 1.0L (0.3 gal) for liquids and 1.0 kg (2.2 lb) for solids". 173.154 (b) (1). Each package must conform to the packaging requirements of Subpart B of Part 173 and may not exceed 30 kg (66 lb) gross weight. For further information consult the 49 CFR.

DOT Class: CONSUMER COMMODITY, ORM-D

Hazard Class: NOT APPLICABLE

UN No.: NOT APPLICABLE

Packing Group: NOT APPLICABLE

Guide No: NOT APPLICABLE

Ship Name: NOT APPLICABLE

15. REGULATORY INFORMATION

TSCA: All ingredients in this finished product are listed on the EPA TSCA INVENTORY.

SARA TITLE III: Methylene Chloride and Methanol are listed

CERCLA: Methylene chloride is listed.

CALIF. PROP. 65: This product contains Methylene Chloride (75-92-2). The following information is required by the State of California's Safe Drinking Water and Toxic Enforcement Act of 1986, or Proposition 65. This regulation does not address de minimus levels; therefore, even trace amounts of the chemicals included on Proposition 65's list of chemicals known to the State of California to cause cancer or reproductive toxicity must be noted with the "Safe Harbor" wording. WARNING: This product contains Methylene Chloride known to cause cancer and birth defects or other reproductive harm.

CARCINOGENICITY: METHYLENE CHLORIDE IS LISTED LISTED BY IARC AS A SUSPECTED CARCINOGEN CLASS 2B. It is not listed by NTP.

SCAQMD Rule 443.1

Photochemically Reactive: No

Maximum Grams of VOC per Liter: 39.6 gm/L

Vapor Pressure 4.0 mmHg@20°C

16. OTHER INFORMATION (HMIS)

Health: 3

Flammability: 0

Reactivity: 0

OTHER ADDITIONAL INFORMATION: The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for the injuries from the use of the product described herein.