

**MATERIAL SAFETY DATA SHEET**

4-6000 BLANKET FIX

Revision Date:1/1/06

**Section I - Product Identification**

Manufacturer's Name | Emergency Phone Number (24 Hours)  
 Presstek | CHEMTREC @ (800)424-9300  
 ----- | MSDS Request Phone Number:  
 Street Address | 1-603-595-7000  
 55 Executive Drive | -----  
 ----- | For MSDS via Fax: 1-800-995-0088  
 City, State, Zip Code | -----  
Hudson, NH 03051	Date Prepared: February 2, 1995
 Product Use: BLANKET RESTORER | Prepared By: Kenneth W. Pinter  
 ----- | -----  
 Chemical Name, Trade Name, Synonyms: MIXTURE

**HMIS RATING**

3 - Health 1 - Flammability 0 - Reactivity B - Personal Protection

**Section II - Hazardous Ingredients**

Hazardous Components	CAS NO.	% WT.	Exposure Limits		
			OSHA PEL	ACGIH TLV	OTHER
Methylene Chloride	75-09-1	90.0	25 ppm	100 ppm	
Methanol	67-56-1	4.5	200 ppm	200 ppm	
Ammonia	7664-41-7	1.0	50 ppm	25 ppm	

**Section III - Physical Data**

Boiling POINT(F): 104 (METHYLENE CHLORIDE) | pH: N.A.  
 -----  
 Vapor Pressure(mm Hg): 4.28 | Freezing Point(F): N.D.  
 -----  
 Vapor Density (AIR = 1): 2.93 | % Volatile By Volume: 95  
 -----  
 Specific Gravity (H2O=1): 1.2 | Color And Odor: Light Green/Ether  
 -----  
 Odor Threshold: N.D. | Physical State: Viscous Liquid  
 -----  
 Evaporation Rate (Butyl Acetate = 1): 0.7  
 -----  
 Solubility in Water: 2.0g/100g Water  
 -----

**Section IV - Fire and Explosion Hazard Data**

FLASH POINT (METHOD USED): T.O.C. | Flammable Limits:  
 None To Boiling | LEL: 14% | UEL: 22%  
 -----  
 Auto-ignition Temperature: N.D.  
 -----  
 Extinguishing Media: Water Fog, Dry Chemical, CO2  
 -----  
 Special Fire Fighting Procedures: Fire fighters should wear NIOSH-MSHA  
 approved self-contained breathing apparatus for possible exposure to Hydrogen  
 Chloride or Phosgene.  
 -----  
 Unusual Fire And Explosion Hazards: Concentrated vapors in poorly ventilated  
 area between 14% and 22% can be ignited by spark or high intensity source.  
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**Section V - Reactivity Data**

Stability Unstable : | Conditions to Avoid: Open flame, hot glowing  
 Stable : X | surfaces, electric arc. Never use near open  
 ----- | flame; toxic gasses will occur.  
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Incompatibility (Materials to Avoid): Caustic soda, Caustic potash, strong oxidizing materials, Powdered aluminum or magnesium.

Hazardous Decomposition Products: Phosgene, carbon monoxide, or hydrogen chloride gasses.

Hazardous | May Occur: | Conditions to Avoid: Open flame, Polymerization | Will Not Occur: X | prolonged breathing of vapor.

**Section VI - Health Hazard Data (Acute and Chronic)**

Primary Route(s) of Entry: Inhalation, Skin, Ingestion.

Oral Ingestion: Can cause gastrointestinal irritation, nausea, vomiting, diarrhea.

Eye Contact: Can cause discomfort, pain and irritation.

Skin Contact: Can cause irritation.

Inhalation: Can cause headache, dizziness, nausea, tingling or numbness of the extremities, senses of fullness in the head, sense of warmth, stupor or dullness, lethargy and drunkenness. Can cause central nervous system damage.

Effects of Overexposure: Nausea, dizziness, headache, lightheadness, rapid heartbeat. Eye irritation. May cause liver and kidney changes.

Medical Conditions Generally | May aggravate respiratory and kidney systems. Aggravated by Exposure | Nausea, headache, lightheadness, rapid heartbeat | or eye irritation.

Carcinogenicity: Has been shown to cause malignant tumors in certain laboratory animals. Other animal studies, as well as several human epidemiology studies, have indicated a negative response.

Mutagenicity: Not known to be Mutagenic.

Teratogenicity: Not known to be Teratogenic.

Reproductive Toxicity: Not known to have reproductive toxicity.

Additional Information: Exposure to Methylene Chloride increases the risk of developing cancer, adverse effects on the heart (including elevation of carboxyhemoglobin), central nervous system and liver. See additional detail in 29CFR1910.1052.

**FIRST AID PROCEDURES**

Ingestion: If conscious, give large quantities of water or milk. DO NOT induce vomiting. Call a physician immediately. DO NOT attempt to give anything by mouth to an unconscious person.

Eye: Flush with water for 15 minutes. If irritation occurs, consult a physician.

Skin: Wash with soap and water. If irritation occurs, consult a physician.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

**Section VII - Toxicology Information**

Ingredient	Inhalation	Oral	Dermal
	LC50	LD50 (RATS)	LD50 (RABBITS)
Methylene Chloride	5000 ppm/2 hrs	167 mg/kg	N.D.
Methanol	64,000 ppm/4hrs	9110 mg/kg	20 g/kg
Ammonia	N.D.	350 mg/kg	N.D.

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**Section VIII - Spill or Leak Procedure**

Steps to be taken in case material is released or spilled: With proper respirator and skin/eye protection, recover spilled material on adsorbents. Place in closed container for proper disposal.

Disposal Method: In accordance with local, state, and federal regulations.

**Section IX - Special Protection Information**

Ventilation Local Exhaust: Yes Special: N.A.  
Mechanical (General): Yes Other: N.A.

Respiratory Protection: Fresh air ventilation. Approved organic respirator.

Protective Clothing: Polyethylene, Neoprene Gloves.

Eye Protection: Splash proof goggles.

Other Protective Equipment: Shower and eye wash fountain.

**Section X - Special Precautions**

Precautions to be taken in Handling and Storing:  
Keep container closed when not in use. Store in cool place. Do not use in poorly ventilated or confined areas.

Other Precautions: Avoid prolonged or repeated breathing of vapors. Use only with adequate ventilation. Avoid contact with eyes and skin.

**Section XI - Transportation Information**

Hazard Class: 6.1 Label: Keep Away From Food  
DOT Proper Shipping Name: Dichloromethane Solution, 6.1, UN1593, III,  
Ltd. Qty.

**Section XII - Regulatory Information**

CERCLA/SUPERFUND,40 CFR 117,302: This product contains methylene chloride and methanol both Reportable Quantity (RQ) Substances.

SARA(TITLE III) - Sections 302, 311, 312, and 313:

Section 302 Extremely Hazardous Substances (40 CFR 355): This product does not contain any ingredients listed as an extremely hazardous substance.

Section 311 and 312 MSDS Submission and Inventory Reporting (40 CFR 370): This product contains materials that may require reporting under 311 and 312.

Section 313 Toxic Chemical Release Reporting (40 CFR 372): This product contains materials which may require reporting under 313.

TOXIC SUBSTANCES CONTROL ACT (TSCA): This product complies with rules and regulations of TSCA.

California Proposition 65: This product contains a chemical (Methylene Chloride) that is listed by the State of California under Proposition 65 as a carcinogen.

**Section XIII - Addition Information**

New Jersey and Pennsylvania Right-To-Know information: Methylene Chloride CAS #75-09-2, Methanol CAS #67-56-1, Ammonia CAS #7664-41-7, Hydroxypropyl Methyl Cellulose CAS #9004-65-3, Petroleum Wax CAS #8001-75-0

N.D. = No Data N.A. = Not Applicable  
The information herein given in good faith but no warranty, express or implied, is made.