

**MATERIAL SAFETY DATA SHEET****OBSOLETE**

4-1240 SPRAY ADHESIVE

Revision Date:10/22/99

**Section I - Product Identification**

Manufacturer's Name Claire Manufacturing	Emergency Phone Number (24 Hours)  CHEMTREC @ (800)424-9300
Street Address 500 Vista Avenue	MSDS Request Phone Number:  1-800-752-5139, Ext. 2745
City, State, Zip Code Addison, Illinois 60101	For MSDS via Fax: 1-800-995-0088
Product Use:     OFFSET PRINTING	Date Prepared: October 22, 1999
	Prepared By: Jill Kngiht

Chemical Name, Trade Name, Synonyms: N.A.

**HMIS RATING**

1 - Health           4 - Flammability     0 - Reactivity     B - Personal Protection

**Section II - Hazardous Ingredients**

Hazardous Components	CAS NO.	% WT.	Exposure Limits		
			OSHA PEL	ACGIH TLV	OTHER
HEPTANE	142-82-5	25-30	400ppm	400ppm	
CYCLOHEXENE	110-82-7	5-10	300ppm	300ppm	
DIMETHYLETHER	115-10-6	10-20	1000ppm	1000ppm	
ALIPHATIC PETROLEUM SOLVENT	64742-89-8	5-10	300ppm	300ppm	
DIETHYLENE GLYCOL N-BUTYL ETHER	112-34-5	1-2	N.D.	N.D.	
LIQUIFIED PETROLEUM GAS	68476-85-7	20-30	1000ppm	1000ppm	

**Section III - Physical Data**

Boiling POINT(F): N.A.                   |pH: N.A.

Vapor Pressure(mm Hg): 130@130(F)   |Freezing Point(F): N.A.

Vapor Density (AIR = 1): > 1            |% Volatile By Volume: 100

Specific Gravity (H2O=1):< 1           |Color And Odor: TRANSLUCENT/PETROLEUM DISTILLATE ODOR

Odor Threshold: N.D.                    |Physical State: LIQUID

Evaporation Rate (ETHER = 1): <1

Solubility in Water: NEGLIGIBLE

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

FLASH POINT (METHOD USED):            |Flammable Limits: PROPELLANT  
FLAMMABLE MATERIAL                    |LEL: 1.8                    |UEL: 9.2

Auto-ignition Temperature: N.D.

Extinguishing Media: FOAM/CO2/DRY CHEMICAL.

Special Fire Fighting Procedures: CONTAINERS SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILD UP. USE EQUIPMENT OR SHIELDING, AS REQUIRED TO PROTECT PERSONNEL, FROM BURSTING, RUPTURING OR VENTING CONTAINERS.

Unusual Fire And Explosion Hazards: AT ELEVATED TEMPERATURES (OVER 54C = 130F) CONTAINERS EXPOSED TO DIRECT FLAME OR HEAT SHOULD BE COOLED WITH WATER TO PREVENT WEAKENING OF CONTAINER STRUCTURE.

**Section V - Reactivity Data**Stability: Unstable \_\_\_\_\_ Stable   X  

Conditions to Avoid: DO NOT STORE ABOVE 54C-130 (F). KEEP AWAY FROM HEAT, DIRECT SUNLIGHT, OPEN FLAMES OR SPARKS. DROPPING OF CONTAINERS MAY CAUSE BURSTING.

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Incompatibility (Materials to Avoid): OXIDIZING AGENTS, STRONG ACIDS.

Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE

Hazardous Polymerization: May Occur \_\_\_\_\_ Will Not Occur \_\_\_\_\_  
Conditions to Avoid: SEE ABOVE.**Section VI - Health Hazard Data (Acute and Chronic)**

Primary Route(s) of Entry: SKIN, EYES, INHALATION, INGESTION.

Oral Ingestion: IF INGESTED DO NOT INDUCE VOMITING. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO LUNGS.

Eye Contact: EXPOSURE MAY CAUSE MILD IRRITATION.

Skin Contact: PROLONGED OR REPEATED CONTACT MAY LEAD TO DRYING, IRRITATION AND DERMATITIS.

Inhalation: EXCESSIVE INHALATION MAY CAUSE NASAL AND RESPIRATORY IRRITATION, INCLUDING DIZZINESS, NAUSEA AND HEADACHES.

Effects of Overexposure:

Medical Conditions Generally Aggravated by Exposure: PREEXISTING SKIN OR EYE DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

Carcinogenicity: NOT KNOWN TO BE CARCINOGENIC.

FIRST AID PROCEDURES

Ingestion: GET MEDICAL ATTENTION IMMEDIATELY.

Eye: FLUSH IMMEDIATELY WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, CONSULT A PHYSICIAN.

Skin: WASH WITH SOAP AND WATER. IF IRRITATION OCCURS, SEEK MEDICAL ATTENTION.

Inhalation: REMOVE TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. CONSULT A PHYSICIAN.

**Section VII - Toxicology Information**

Ingredient	Inhalation LC50	Oral LD50 (RATS)	Dermal LD50 (RABBITS)
HEPTANE		ND	
CYCLOHEXENE		12705MG/KG	
DIMETHYLETHER		ND	
ALIPHATIC PETROLEUM SOLVENT		ND	
DIETHYLENE GLYCOL N-BUTYL ETHER		ND	
LIQUIFIED PETROLEUM GAS		ND	

**Section VIII - Spill or Leak Procedure**

Steps to be taken in case material is released or spilled: REMOVE ALL SOURCES OF IGNITION AND VENTILATE AREA. SOAK UP SPILL WITH AN INERT ABSORBENT AND PLACE INTO A DESIGNATED DISPOSAL CONTAINER. CONSULT LOCAL REGULATORY AGENCY FOR PROPER DISPOSITION OF MATERIAL.

Disposal Method: IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.  
DO NOT PUNCTURE OR INCINERATE CONTAINERS.**Section IX - Special Protection Information**

Ventilation: LOCAL EXHAUST IS ADEQUATE UNDER NORMAL CONDITIONS. MECHANICAL VENTILATION IS OPTIONAL.

Respiratory Protection: NONE UNDER NORMAL USE. AVOID BREATHING VAPORS.

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Protective Clothing: WEAR NEOPRENE OR OTHER CHEMICAL-RESISTANT GLOVES.  
-----Eye Protection: CHEMICAL WORKERS GOGGLES.  
-----Other Protective Equipment: WEAR NEOPRENE OR OTHER CHEMICAL-RESISTANT APRON OR COVERALLS AS NEEDED TO PREVENT REPEATED OR PROLONGED SKIN CONTACT.  
-----**Section X - Special Precautions**

Precautions to be taken in Handling and Storing: KEEP AWAY FROM HEAT AND FLAME. DO NOT PUNCTURE OR INCINERATE CONTAINERS. DO NOT EXPOSE TO DIRECT SUNLIGHT OR STORE AT TEMPERATURES ABOVE 130F (54C). DO NOT TAKE INTERNALLY. DO NOT SPRAY IN EYES. SEE PRODUCT LABEL FOR ADDITIONAL INFORMATION. DO NOT PUNCTURE OR INCINERATE (BURN) CANS. AVOID BREATHING VAPORS.

  
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Other Precautions: PLEASE READ AND FOLLOW THE DIRECTIONS ON THE PRODUCT LABEL; THEY ARE YOUR BEST GUIDE TO USING THIS PRODUCT IN THE MOST EFFECTIVE WAY, AND GIVE THE NECESSARY SAFETY PRECAUTIONS TO PROTECT YOUR HEALTH.

  
-----**Section XI - Transportation Information**

Hazard Class: Label:  
DOT Proper Shipping Name:

  
-----**Section XII - Regulatory Information**

CERCLA/SUPERFUND,40 CFR 117,302:

SARA (TITLE III) - Section 313:CYCLOHEXENE (CAS#110-82-7),ALIPHATIC PETROLEUM SOLVENT (CAS#64742-89-8),DIETHYLENE GLYCOL N-BUTYL ETHER (CAS#112-34-5)

Section 302 Extremely Hazardous Substances (40 CFR 355):

Section 311 and 312 MSDS Submission and Inventory Reporting (40 CFR 370):

Section 313 Toxic Chemical Release Reporting (40 CFR 372):

TOXIC SUBSTANCES CONTROL ACT (TSCA):

California Proposition 65:  
-----**Section XIII - Addition Information**NONE  
  
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N.D. = No Data            N.A. = Not Applicable

The information herein given in good faith but no warranty, express or implied, is made.