

*Eric - This came with
Tifco industries bill.*

Tifco Nos. 9430, 9431, 9435, 9436

Conrail

MATERIAL SAFETY DATA SHEET

***** SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION *****

PRODUCT NAME.....: E-6000 ADHESIVE
PRODUCT NUMBER.....: 9430, 9431, 9435, 9436
PRODUCT DESCRIPTION...:
MANUFACTURED BY.....: ECLECTIC PRODUCTS, INC.
DATE PREPARED.....: 03-19-93
SUPPLIER NAME AND ADDRESS.....TIFCO INDUSTRIES
P.O. BOX 40277
HOUSTON, TEXAS 77240
(281) 469-4800

EMERGENCY PHONE - 24 HOURS.....: CALL CHEM-TEL, INC. (800) 255-3924

***** SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS *****

COMPONENT	WT. %	OSHA		ACGIH CAS REGISTRY#	
		TWA	STEL	TWA	STEL
TETRACHLORO- ETHYLENE	66.04	25 PPM	N/A	50PPM	N/A
					127-18-4

*INDICATES CHEMICAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III AND OF 40 CFR 372. PROPOSITION 65 STATEMENT: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

***** SECTION 3 HAZARDS IDENTIFICATION *****

EMERGENCY OVERVIEW.....:N/A (color, clarity, odor, liquid/solid, irritant)

NFPA-HAZARD-CODES:

HEALTH.....:N/A
FIRE.....:N/A
REACTIVITY...:N/A

HMIS-HAZARD-CODES:

HEALTH.....:2
FLAMMABILITY...:1
REACTIVITY.....:1
PERSONAL.....:H

CARCINOGENICITY:

NTP:YES

IARC MONOGRAPHS:YES

OSHA REG:YES

TETRACHLOROETHYLENE IS LISTED AS POTENTIAL CARCINOGEN BY IARC & NTP. TETRACHLOROETHYLENE NOT BELIEVED TO POSE MEASURABLE CARCINOGENIC RISK TO MAN WHEN HANDLED AS RECOMMENDED. RESULTS OF IN VITRO MUTAGENICITY TEST HAVE BEEN NEGATIVE.

POTENTIAL HEALTH EFFECTS

INHALATION.....: DIZZINESS MAY OCCUR AT 200PPM;
PROGRESSIVELY HIGHER LEVELS CAN CAUSE IRRITATION OF THE RESPIRATORY TRACT, DRUNKENNESS, NAUSEA, INCOORDINATION, UNCONSCIOUSNESS AND EVEN ASPHYXIATION IN CONFINED POORLY VENTILATED AREAS.

EYE CONTACT.....: PRODUCT IN EYES CAN RESULT IN DISCOMFORT, PAIN AND IRRITATION. VAPORS MAY IRRITATE THE YES AT ABOUT 100PM.

SKIN CONTACT.....:IRRITATION CAN DEVELOP FOLLOWING REPEATED AND/OR PROLONGED CONTACT AND MAY CAUSE DRYING OR FLAKING OF SKIN. A SINGLE PROLONGED EXPOSURE IS NOT LIKELY TO RESULT IN MATERIAL BEING ABSORBED

THROUGH THE SKIN IN HARMFUL AMOUNTS. THE LD50 OF TETRACHLOROETHYLENE FOR SKIN ABSORPTION IN RABBITS IS >10,000 MG/KG. SKIN ABSORPTION CAN OCCUR.

INGESTION.....: SINGLE DOSE ORAL TOXICITY IS LOW. INGESTION MAY RESULT IN IRRITATION OF THE MOUTH AND GASTROINTESTINAL TRACT ALONG WITH OTHER EFFECTS AS LISTED ABOVE FOR INHALATION. DO NOT INDUCE VOMITING.

CHRONIC.....: TETRACHLOROETHYLENE HAS BEEN SHOWN TO INCREASE RATE OF SPONTANEOUSLY OCCURRING MALIGNANT TUMORS IN CERTAIN LAB RATS AND MICE. OTHER LONG-TERM INHALATION STUDIES IN RATS FAILED TO SHOW TUMORIGENIC RESPONSE. EPIDEMIOLOGY STUDIES ARE LIMITED AND HAVE NOT ESTABLISHED AN ASSOCIATION BETWEEN TETRACHLOROETHYLENE EXPOSURE AND CANCER. DID NOT CAUSE BIRTH DEFECTS IN ANIMALS. BIRTH DEFECTS UNLIKELY. PROLONGED EXPOSURE ABOVE OSHA PERMISSIBLE LIMITS MAY RESULT IN LIVER AND KIDNEY DAMAGE.

***** SECTION 4 FIRST AID MEASURES *****

INHALATION.....: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GIVE ARTIFICIAL RESUSCITATION IF NOT BREATHING.

EYE CONTACT.....: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL CARE IF IRRITATION PERSISTS OR DEVELOPS.

SKIN CONTACT.....: WIPE FROM SKIN AND WASH WITH SOAP AND WATER. IF IRRITATION DEVELOPS SEEK MEDICAL ATTENTION.

INGESTION.....: DO NOT INDUCE VOMITING. CALL A PHYSICIAN. GIVE 1 OR 2 GLASSES OF WATER TO DRINK.

NOTE TO PHYSICIAN

BECAUSE RAPID ABSORPTION MAY OCCUR THROUGH LUNGS IF ASPIRATED AND CAUSE SYSTEMATIC EFFECTS. THE DECISION OF WHETHER TO INDUCE VOMITING OR NOT SHOULD BE MADE BY A PHYSICIAN. IF LAVAGE IS PERFORMED, SUGGEST ENDOTRACHEAL AND/OR ESOPHAGAL CONTROL. DANGER FROM LUNG ASPIRATION MUST BE WEIGHED AGAINST TOXICITY WHEN CONSIDERING EMPTYING THE STOMACH. DO NOT ADMINISTER SYMPATHOMIMETRIC DRUGS UNLESS ABSOLUTELY NECESSARY. NO SPECIFIC ANTIDOTE. SUPPORTIVE CARE. TREATMENT BASED ON JUDGMENT OF THE PHYSICIAN IN RESPONSE TO REACTIONS OF THE PATIENT.

***** SECTION 5 FIRE FIGHTING MEASURES *****

FLASHPOINT AND METHOD.....: NONE

FLAMMABLE LIMITS

LFL.....: N/A

UFL.....: N/A

LEL.....: N/A

UEL.....: N/A

GENERAL HAZARD.....: PRODUCT IS NON-FLAMMABLE AND NON-EXPLOSIVE UNDER NORMAL CONDITIONS OF USE. AT HIGH TEMPERATURES, PRODUCT DECOMPOSES TO GIVE OFF HYDROCHLORIC ACID AS GAS PLUS OTHER TOXIC AND IRRITATING VAPORS SUCH AS PHOSGENE AND CHLORINE. IF STORAGE CONTAINERS ARE EXPOSED TO EXCESSIVE HEAT, OVER-PRESSURIZATION CAN RESULT IN CONTAINER RUPTURE.

EXTINGUISHING MEDIA.....:FOAM, CO2, DRY CHEMICAL, WATER FOG

FIRE FIGHTING INSTRUCTIONS.....:WEAR POSITIVE PRESSURE SCBA...COOL FIRE
EXPOSED CONTAINERS WITH WATER.

FIRE FIGHTING EQUIPMENT.....:N/A

HAZARDOUS COMBUSTION PRODUCTS.....:N/A

***** SECTION 6 ACCIDENTAL RELEASE MEASURES *****

LAND SPILL.....:

SMALL LEAKS: WIPE UP, OR SOAK IMMEDIATELY WITH INERT MATERIAL. REMOVE
OUTDOORS.

LARGE SPILLS: EVACUATE AREA; CONTAIN LIQUID; TRANSFER TO CLOSED METAL
CONTAINERS; KEEP OUT OF WATER SUPPLY.

WATER SPILL.....:N/A

***** SECTION 7 HANDLING AND STORAGE *****

STORAGE TEMPERATURE.....:AMBIENT

STORAGE PRESSURE.....:ATMOSPHERIC

GENERAL.....: IN LARGE QUANTITIES, LETHAL CONCENTRATIONS
EXITS IN AREAS WITH POOR VENTILATION. DO NOT USE IN POORLY VENTILATED
OR CONFINED SPACES WITHOUT PROPER RESPIRATORY PROTECTION. VAPORS WILL
COLLECT IN LOW PLACES SUCH AS PITS, STORAGE TANKS AND OTHER CONFINED
SPACES. DO NOT ENTER THESE AREAS UNLESS SPECIAL BREATHING APPARATUS IS USED
AND AN OBSERVER IS PRESENT.

***** SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION *****

ENGINEERING CONTROLS

VENTILATION.....:ADEQUATE VENTILATION SHOULD BE PROVIDED

PERSONAL PROTECTION

RESPIRATOR.....:IF VENTILATION NOT APPROPRIATE NEED TO WEAR A
SCBA

PROTECTIVE CLOTHING....:NEOPRENE-LATEX GLOVES ARE RECOMMENDED.

SPLASHPROOF GOGGLES WHEN AT RISK. TO PREVENT SKIN CONTACT WEAR BOOTS,
APRON, GLOVES OR FULL BODY SUIT.

***** SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES *****

VAPOR PRESSURE.....:N/A

VAPOR DENSITY.....:>1
(air=1)

SPECIFIC GRAVITY(H2O=1):1.3

EVAPORATION RATE.....:>ETHER
(ETHER=1)

SOLUBILITY IN WATER...:NEGLIGIBLE

pH.....:N/A

BOILING POINT.....:250F

FREEZING POINT.....:N/A

OSCILLITY.....:N/A ODOR.....:N/A

APPEARANCE.....:VISCOUS LIQUID W/
ETHER-LIKE ODOR

PHYSICAL STATE.....:N/A

***** SECTION 10 STABILITY AND REACTIVITY *****

GENERAL.....: STABLE

INCOMPATIBLE-MATERIALS AND CONDITIONS TO AVOID.....:AVOID EXTREME HEAT, FLAME OR SPARKS. AVOID CONTACT WITH ALUMINUM EQUIPMENT HAVING CONFINED SPACES.(IE. PUMPHOUSINGS). AVOID STRONG ACIDS AND OXIDATING MATERIALS. AVOID MIXING WITH CAUSTIC SODA OR POTASH.

HAZARDOUS DECOMPOSITION.....:TOXIC/IRRITATING GASES AND FUMES. HYDROGEN CHLORIDE, CO₂, SIMPLE HYDROCARBONS, PHOSGENE, AND CHLORINE.

***** SECTION 11 TOXICOLOGICAL INFORMATION *****

NO DATA AVAILABLE

***** SECTION 12 ECOLOGICAL INFORMATION *****

NO DATA AVAILABLE

***** SECTION 13 DISPOSAL CONSIDERATIONS *****

DISPOSAL IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

***** SECTION 14 TRANSPORT INFORMATION *****

DOT (Department Of Transportation)

PROPER SHIPPING NAME...:TETRACHLOROETHYLENE MIXTURE

UN NUMBER.....:1897

HAZARD CLASS.....:6.1

PACKING GROUP.....:III

***** SECTION 15 REGULATORY INFORMATION *****

NO DATA AVAILABLE

***** SECTION 16 OTHER INFORMATION *****

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