

FAIRWEST PAINT MANUFACTURING CO.  
3522 SOUTH 133rd STREET  
TUKWILA, WASHINGTON 98168

MATERIAL SAFETY DATA SHEET  
FOR COATINGS AND RELATED MATERIALS  
PREP: MAR 1995 UPDATE: CURRENT

1022

SECTION I PRODUCT IDENTIFICATION

24 HOURS EMERGENCY ASSISTANCE

SPECIFICATION NO: #88327 e  
88328  
PRODUCT NUMBER: X-5101  
PRODUCT NAME: DOPE LACQUER THINNER  
PRODUCT CLASS: SOLVENT BLEND

EMERGENCY (206) 941-1619  
INFORMATION (206) 244-8844  
HAZARD RATING THIS PRODUCT  
0 LOWEST HEALTH 131  
1 FLAMMABILITY 141  
2 REACTIVITY 101  
3 PERSONAL  
4 EXTREME PROTECTION EQ1G1

HAZARDOUS MATERIAL: YES XX NO \_\_\_ CONTRACT NO:  
EPA REGISTRATION NUMBER (IF APPLICABLE): N/A

SECTION II HAZARDOUS INGREDIENTS

INGREDIENT	CAS NUMBER	PERCENT (BY WEIGHT)	OCCUPATIONAL EXPOSURE TLV(ACOIH) PEL(OSHA)	
METHYL ETHYL KETONE	78-93-3	17.0%	200PPM	200PPM
TOLUENE	108-88-3	36.0%	100PPM	200PPM
ISOPROPYL ALCOHOL	67-63-0	3.0%	400PPM	400PPM
METHYL ISOBUTYL KETONE	108-10-1	8.0%	50PPM	100PPM
XYLENE	1330-20-7	7.0%	100PPM	100PPM
ETHYL ACETATE	141-78-6	4.0%	400PPM	400PPM
ALIPHATIC HYDROCARBON	64742-89-8	22.0%	250PPM	250PPM
GLYCOL EHTER EB	111-76-2	3.0%	25PPM	25PPM

"Pursuant to Title III of the Superfund Ammendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372, This product contains or may contain a toxic chemical in a quantity subject to the reporting requirements under section 313".

SECTION III PHYSICAL DATA

BOILING RANGE: 176-290 F WEIGHT/GALLON: 6.93 lb VAPOR PRESSURE: 80 mmHg@20C  
VAPOR DENSITY: HEAVIER THAN AIR: XX LIGHTER THAN AIR: \_\_\_  
EVAPORATION RATE: FASTER THAN ETHER: \_\_\_ SLOWER THAN ETHER: XX  
PERCENT VOLATILE BY VOLUME: 100% REACTIVITY IN WATER: NIL pH: N/A  
VOC: 832 GRAMS/LITER(LESS WATER) SOLUBILITY IN WATER: NO  
MELTING POINT: N/A VISCOSITY: N/A FREEZING POINT: N/A  
APPEARANCE & ODOR: Colorless liquid, pleasant odor. DECOMPOSITION TEMP: N/A

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: OSHA: FLAMMABLE CLASS: 1 B DOT: FLAMMABLE  
FLASH POINT: 16 F TCC  
%LEL: .9 %UEL: 12  
UN NUMBER: 1993  
EXTINGUISHING MEDIA: FOAM :XX\_\_\_ DRY CHEMICAL:XX\_\_\_  
"ALCOHOL" FOAM :\_\_\_ WATER FOG:XX\_\_\_  
CO2 :XX\_\_\_ OTHER:

USE THE ABOVE OR ANY CLASS B EXTINGUISHING AGENT. WATER MAY BE UNSUITABLE AS AN EXTINGUISHING MEDIUM, BUT HELPFUL IN KEEPING ADJACENT CONTAINERS COOL.  
SPECIAL FIREFIGHTING PROCEDURES: Firefighters and others exposed to vapors or products of combustion should wear self-contained breathing apparatus. Evacuate area of unprotected personnel. Wear protective clothing.  
UNUSUAL FIRE & EXPLOSION HAZARDS: Vapors may form an explosive mixture in air and may be ignited by sparks, pilot lights, etc. Closed containers may rupture when exposed to extreme heat.

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SECTION V: HEALTH HAZARD DATA

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EFFECTS OF OVEREXPOSURE:

**SKIN:** THIS MATERIAL MAY CAUSE IRRITATION, SENSITIZATION, OR DEFATTING OF SKIN UPON PROLONGED OR REPEATED CONTACT.

**INHALATION:** EXCESSIVE EXPOSURE TO VAPORS OR DUSTS CAN RESULT IN "METAL FUME FEVER". SYMPTOMS INCLUDE HEADACHE, FEVER, CHILLS, MUSCLE ACHE, NAUSEA, VOMITING, WEAKNESS AND TIREDNESS. ATTACK MAY LAST 6-24 HOURS. NO LONG TERM EFFECTS ARE KNOWN.

**EYES:** THIS MATERIAL MAY BE AN EYE IRRITANT.

**MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:** NONE, WHEN USED IN ACCORDANCE WITH SAFE HANDLING INSTRUCTIONS. (SEE SECTION VIII).

EMERGENCY AND FIRST AID PROCEDURES:

**SKIN:** NONE. REMOVE AND HOSE OFF ANY CONTAMINATED CLOTHING BEFORE WASHING THE CLOTHES FOR REUSE.

**EYES:** NONE.

**SWALLOWING:** IF INGESTED DO NOT INDUCE VOMITING, KEEP PERSON WARM, QUIET, AND GET MEDICAL ATTENTION. ASPIRATION OF MATERIAL INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

**INHALATION:** REMOVE VICTIM TO FRESH AIR IMMEDIATELY. IF RESPIRATORY SYMPTOMS DEVELOP, SEEK MEDICAL ATTENTION AT ONCE.

**PRIMARY ROUTE(S) OF ENTRY:** INHALATION, INGESTION.

**CARCINOGENICITY:** THIS PRODUCT CONTAINS NO KNOWN CARCINOGENS IN REPORTABLE QUANTITIES AS DEFINED BY ACGIH, OSHA, NTP, IARC.

SECTION VI: REACTIVITY DATA

**STABILITY:** STABLE IN ITSELF. **HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR.

**HAZARDOUS DECOMPOSITION PRODUCTS:** HYDROGEN GAS, THOUGH NOT A DECOMPOSITION PRODUCT OF DUST, MAY EVOLVE UNDER CONDITIONS DESCRIBED. (SEE SECTION IV)

**CONDITIONS TO AVOID:** HEAT, SPARKS AND OPEN FLAMES, MOISTURE, ACIDS, ALKALIS AND OXIDIZING AGENTS IN OR AROUND CONTAINERS COULD GENERATE HYDROGEN GAS.

**INCOMPATIBILITY:** AVOID CONTACT WITH STRONG OXIDANTS, ACIDS, BASES AND EPOXY HARDENERS UNDER UNCONTROLLED CONDITIONS.

SECTION VII: SPILL OR LEAK PROCEDURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** REMOVE ALL SOURCES OF IGNITION. PICK UP, AVOIDING FORMATION OF DUST CLOUDS. PLACE MATERIAL INTO A CLOSED LABELED CONTAINER. IF LARGE SPILL, DIKE AREA TO PREVENT MATERIAL FROM ENTERING WATER SYSTEMS OR SEWERS. WEAR PROTECTIVE EQUIPMENT DURING CLEANUP.

**WASTE DISPOSAL METHOD:** IF DISCARDED, DISPOSAL OF THIS MATERIAL OR ITS CONTAINER REQUIRES COMPLIANCE WITH APPLICABLE LABELING, PACKAGING, AND RECORDKEEPING STANDARDS.

**WASTE DISPOSAL:** DISPOSE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL AGENCIES. GROUND HANDLING EQUIPMENT TO PREVENT SPARKS.

**FOR FURTHER INFORMATION:** CONTACT YOUR STATE OR LOCAL WASTE AGENCY OR THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY'S RCRA HOTLINE (1-800-424-9346 or 1-202-382-3000).

SECTION VIII: SAFE HANDLING AND USE INFORMATION

KEEP OUT OF THE REACH OF CHILDREN

**RESPIRATORY PROTECTION:** USE A NIOSH APPROVED RESPIRATOR WHEN LOCAL EXHAUST FAILS OR WHEN THE TLV OR PEL ARE EXCEEDED.

**VENTILATION:** GENERAL VENTILATION IS REQUIRED DURING NORMAL USE. LOCAL VENTILATION MAY BE REQUIRED DURING CERTAIN OPERATIONS TO KEEP EXPOSURE LEVEL BELOW THE LIMITS LISTED IN SECTION II OF THIS DATA SHEET.

**PROTECTIVE GLOVES:** RECOMMEND THAT OPERATORS WEAR GLOVES.

**EYE PROTECTION:** SAFETY GLASSES.

**OTHER PROTECTIVE EQUIPMENT:** WEAR PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT. EYE WASH STATION AND SAFETY SHOWER SHOULD BE AVAILABLE.

**HYGIENIC PRACTICES:** WASH HANDS BEFORE EATING OR SMOKING.

SECTION IX: SPECIAL PRECAUTIONS

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** STORE CONTAINERS AWAY FROM MOISTURE, ACIDS, ALKALIS AND OXIDIZING AGENTS. KEEP AWAY FROM HEAT, OPEN FLAME AND SPARKS WHEN HANDLING DUST. THIS MATERIAL MAY CAUSE SENSITIZATION. DO NOT GET IN EYES, ON SKIN OR CLOTHING. DO NOT ALLOW CONTAMINATED CLOTHING TO CONTACT SKIN. DO NOT WELD ON FULL OR EMPTY CONTAINERS. KEEP CONTAINERS CLOSED, WHEN NOT IN USE, AND PROPERLY LABELED. RESTRICTIONS FOR SHIPMENT BY AIR AND OCEAN TRANSPORT EXIST; CONSULT 49C FR100-177, ICAO, IATA, OR IMD PUBLICATIONS DEALING WITH SHIPMENT OF DANGEROUS GOODS.

SECTION X: SUPPLEMENTAL INFORMATION

THIS MATERIAL HAS BEEN CATEGORIZED AS HAVING THE FOLLOWING HAZARD(S) AS DEFINED BY GARA TITLE III REGULATIONS (40 CFR 370): ACUTE, FIRE. THE INFORMATION IN THIS DATA SHEET IS BELIEVED TO BE ACCURATE AND TRUE AT THE TIME OF PREPARATION OF THIS DOCUMENT. THIS IS NOT A WARRANTY OF PRODUCT SPECIFICATION. THE END-USER OF THIS PRODUCT IS ADVISED IN ADVANCE TO MAKE SURE THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE TO THEIR CIRCUMSTANCES.