

***** SECTION 1: PRODUCT IDENTIFICATION

MANUFACTURERS ADDRESS : 1101 THIRD STREET SOUTH, MINNEAPOLIS, MN 55415
 MFG TELEPHONE NUMBER : (612) 332-7371
 24 HR EMERGENCY PHONE NO : 1-800-228-5635
 CHEMICAL NAME OR FAMILY : PAINT PRODUCT
 FORMULA : NOT APPLICABLE
 TRADE NAME : 37 V40W72B URETHANE EN MED BASE
 REVISION DATE : 11-22-88 DATE PRINTED : 06-12-91

***** SECTION 2: HAZARDOUS INGREDIENTS

NAME	APPROX WT %		
COMMON(NA):XYLENE	10%	TLV TWA	100.00 PPM
		TLV STEL	150.00 PPM
CAS:1330-20-7 CHEMICAL: PHENYL.DIMETHYL		OSHA PEL	100.00 PPM
		CEILING	NOT ESTAB
		RECOMND	NOT ESTAB
COMMON(NA):ALIPHATIC PETROLEUM DISTILLATES	1%	TLV TWA	NOT ESTAB
		TLV STEL	NOT ESTAB
CAS:64742-88-7 CHEMICAL: SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH.		OSHA PEL	500.00 PPM
		CEILING	NOT ESTAB
		RECOMND	NOT ESTAB
COMMON(NA):KAOLIN	5%	TLV TWA	10.00 MG/CU M
		TLV STEL	NOT ESTAB
CAS:1332-58-7 CHEMICAL: KAOLIN		OSHA PEL	10.00 MG/CU M
		CEILING	NOT ESTAB
		RECOMND	NOT ESTAB
COMMON(NA):TITANIUM DIOXIDE	10%	TLV TWA	10.00 MG/CU M
		TLV STEL	NOT ESTAB
CAS:13463-67-7 CHEMICAL: TITANIUM OXIDE		OSHA PEL	10.00 MG/CU M
		CEILING	NOT ESTAB
		RECOMND	NOT ESTAB
COMMON(NA):N-PROPYL ACETATE	10%	TLV TWA	200.00 PPM
		TLV STEL	250.00 PPM
CAS:109-60-4 CHEMICAL: ACETIC ACID, PROPYL ESTER		OSHA PEL	200.00 PPM
		CEILING	NOT ESTAB
		RECOMND	NOT ESTAB
COMMON(NA):BUTYL ACETATE	5%	TLV TWA	150.00 PPM
		TLV STEL	200.00 PPM
CAS:123-86-4 CHEMICAL: ACETIC ACID, BUTYL ESTER		OSHA PEL	150.00 PPM

***** SECTION 2: HAZARDOUS INGREDIENTS

***CONTINUED*

) = PPM SKIN

***** SECTION 3: PHYSICAL DATA

BOILING POINT: 210 DEG F.
VAPOR PRESSURE MM HG AT 68 DEG F: 23.0
VAPOR DENSITY (AIR = 1.0): 5.9
SPECIFIC GRAVITY: 1.19
PERCENT VOLATILE BY VOLUME: 44.05
EVAPORATION RATE (BUTYL ACETATE = 1): 2.0
SOLUBILITY IN WATER: NO
APPEARANCE AND ODOR: NORMAL FOR A COATINGS PRODUCT.

***** SECTION 4: FIRE AND EXPLOSION HAZARD

FLASH POINT TCC/PM DEG F 60
LOWER EXPLOSIVE LIMIT 1.00
UPPER EXPLOSIVE LIMIT 3.00

EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL, FOAM, AND/OR WATER FOG.

SPECIAL FIRE FIGHTING PROCEDURES

FIRE FIGHTERS MUST WEAR SELF CONTAINED BREATHING APPARATUS OR AIR MASKS
CONTAINERS EXPOSED TO FIRE SHOULD BE KEPT COOL WITH WATER SPRAY

USUAL FIRE AND EXPLOSIVE HAZARDS:
NONE

***** SECTION 5: HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LIMIT VALUE: NOT REQUIRED FOR MIXTURE

EFFECTS OF OVEREXPOSURE:

IMMEDIATE EFFECTS (ACUTE):

HARMFUL IF INHALED. MAY AFFECT THE BRAIN, NERVOUS SYSTEM OR RESPIRATORY SYSTEM, CAUSING DIZZINESS, HEADACHE, NAUSEA OR RESPIRATORY IRRITATION.

CONTAINS INGREDIENTS WHICH HAVE BEEN SHOWN (IN LABORATORY ANIMALS) TO CAUSE LIVER AND KIDNEY DAMAGE

PROLONGED INHALATION OF DUSTS MAY RESULT IN SHORTNESS OF BREATH
OVEREXPOSURE TO INGREDIENTS IN THIS PRODUCT MAY CAUSE IRRITATION OF GASTROINTESTINAL TRACT, NOSE AND THROAT IRRITATION, EYE IRRITATION, SKIN IRRITATION, CNS DEPRESSION, RESPIRATORY TRACT IRRITATION, DERMATITIS, MUCOUS MEMBRANE IRRITATION, CORNEAL INJURY/EYE DAMAGE, NAUSEA AND VOMITING.

DELAYED EFFECTS (CHRONIC):

NOTICE: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

CONTAINS INGREDIENTS WHICH MAY CAUSE LIVER DAMAGE, KIDNEY DAMAGE, BLOOD DAMAGE, MUCOUS MEMBRANE IRRITATION.

***** SECTION 5: HEALTH HAZARD DATA

CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE - ANY
OR SKIN CONDITION.

D) FIRST AID PROCEDURES:

ACT: FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST
MINUTES AND GET MEDICAL ATTENTION.

ACT: WASH THOROUGHLY WITH SOAP AND WATER.
REMOVE CONTAMINATED CLOTHING AND SHOES. WASH CLOTH
BEFORE REUSE. THOROUGHLY CLEAN CONTAMINATED SHOES.

ACT: IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING,
ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT
OXYGEN. GET MEDICAL ATTENTION IMMEDIATELY.

ACT: IF SWALLOWED, GET MEDICAL ATTENTION IMMEDIATELY.

WAYS OF ENTRY: INHALATION, INGESTION, SKIN ABSORPTION.

***** SECTION 6: REACTIVITY DATA

IS STABLE

TO AVOID: NONE

COMPATIBILITY: STRONG OXIDIZERS

COMPOSITION PRODUCTS:

CARBON DIOXIDE CARBON DIOXIDE/MONOXIDE METAL OXIDES

POLYMERIZATION: NONE

***** SECTION 7: SPILL OR LEAK PROCEDURES

WORK AREA. AVOID BREATHING OF VAPORS. USE SELF-CONTAINED
BREATHING APPARATUS OR AIRMASK FOR LARGE SPILLS IN A CONFINED AREA.
ELIMINATE IGNITION SOURCES.

USE WITH INERT ABSORBENT AND NON-SPARKING TOOLS.

AVOID CONTACT WITH EYES.

DISPOSAL METHOD:

DISPOSE IN CHEMICAL DISPOSAL AREA OR IN A MANNER THAT COMPLIES WITH
STATE AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS.

***** SECTION 8: SPECIAL PROTECTION INFORMATION *****

PROTECTION:

WEAR APPROPRIATE, PROPERLY FITTED RESPIRATOR (NIOSH/MSHA APPROVED)
FOR APPLICATION UNLESS AIR MONITORING VAPOR/MIST LEVELS ARE
BELOW PERMISSIBLE LIMITS. FOLLOW RESPIRATOR MANUFACTURERS DIRECTIONS FOR
PROPER USE.

USE PROTECTIVE EQUIPMENT FOR SPRAYING OR IN A CONFINED AREA, VENTILATION EQUIPMENT
IS REQUIRED. ELIMINATE IGNITION SOURCES

***** SECTION 8: SPECIAL PROTECTION INFORMATION ****CONTINUED
PROTECTION: USUAL EYE PROTECTION FOR APPLYING PAINT.
PROTECTIVE EQUIPMENT: USUAL CLOTHING FOR PAINTING OPERATIONS.

***** SECTION 9: SPECIAL PRECAUTIONS *****

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

CONTAINERS SHOULD BE GROUNDED/BONDED WHEN POURING. AVOID FREE FALL
DROPS IN EXCESS OF A FEW INCHES.

KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAMES. KEEP CONTAINERS
CLOSED WHEN NOT IN USE. DO NOT STORE ABOVE 120 DEG F. BASED ON THE PRODUCT
AND VAPOR PRESSURE SUITABLE STORAGE SHOULD BE PROVIDED IN ACCORDANCE
WITH REGULATIONS 1910. 106. EMPTY CONTAINERS MAY CONTAIN PRODUCT RESIDUE,
INCLUDING FLAMABLE OR EXPLOSIVE VAPORS. DO NOT CUT, PUNCTURE OR WELD ON A
CONTAINER. ALL LABEL WARNINGS MUST BE OBSERVED UNTIL THE CONTAINER HAS
BEEN CLEANED OR RECONDITIONED.

ABBREVIATIONS USED:

OSHA-OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION;

-INTERNATIONAL AGENCY FOR RESEARCH ON CANCER; LEL-LOWER EXPLOSIVE LIMIT;
UEL-UPPER EXPLOSIVE LIMITS; MG CU M-MILLIGRAMS PER METERS CUBED; MM-MILLI
METER; M-MILLIONS OF PARTICLES PER CUBIC FOOT; MSHA-MINE SAFETY AND HEALTH
ADMINISTRATION; NA-NOT APPLICABLE; NIOSH-NATIONAL INSTITUTE OF OCCUPATION
SAFETY AND HEALTH; NOT EST-NOT ESTABLISHED; NTP-NATIONAL TOXICOLOGY PROG
RAM; PEL-PERMISSIBLE EXPOSURE LEVEL; PPM-PARTS PER MILLION;
PPM-TAG CLOSED CUP/PENSKY-MARTEN; RECM-RECOMMENDED; TLV-THRESHOLD LIMIT

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