

***** SECTION 1: PRODUCT IDENTIFICATION

ADDRESSES ADDRESS : 1101 THIRD STREET SOUTH, MINNEAPOLIS, MN 55415
 PHONE NUMBER : (612) 332-7371
 EMERGENCY PHONE NO : 1-800-228-5635
 NAME OR FAMILY : PAINT PRODUCT
 : NOT APPLICABLE
 : 37 V40T2 URETHANE EN CUR AGT
 DATE : 10-26-89

DATE PRINTED : 06-12-91

***** SECTION 2: HAZARDOUS INGREDIENTS

NAME	APPROX WT %		
1,6-HEXAMETHYLENE DIISOCYANATE BASED ADDUCT	90%	TLV TWA	NOT ESTAB
		TLV STEL	NOT ESTAB
81-2 CHEMICAL: HEXANE, 1,6-DIISOCYANATO HOMOPOLYMER		OSHA PEL	NOT ESTAB
		CEILING	NOT ESTAB
		RECOMND	1.00 MG/CU M
BUTYL ACETATE	5%	TLV TWA	150.00 PPM
		TLV STEL	200.00 PPM
4 CHEMICAL: ACETIC ACID, BUTYL ESTER		OSHA PEL	150.00 PPM
		CEILING	NOT ESTAB
		RECOMND	NOT ESTAB
AROMATIC NAPHTHA	5%	TLV TWA	100.00 PPM
		TLV STEL	NOT ESTAB
95-6 CHEMICAL: SOLVENT NAPHTHA(PETROLEUM T. ARGM.		OSHA PEL	NOT ESTAB
		CEILING	NOT ESTAB
		RECOMND	50.00 PPM

***** SECTION 3: PHYSICAL DATA

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

FLASH POINT TCC/PM DEG F : 117
LOWER EXPLOSIVE LIMIT : 1.00
UPPER EXPLOSIVE LIMIT : 8.00

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.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS:

NONE

***** SECTION 5: HEALTH HAZARD DATA *****

THRESHOLD 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.

POSSIBLE SKIN AND RESPIRATORY SENSITIZER.

OVEREXPOSURE TO INGREDIENTS IN THIS PRODUCT MAY CAUSE NOSE AND THROAT IRRITATION, EYE IRRITATION, SKIN IRRITATION, RESPIRATORY TRACT IRRITATION, DERMATITIS, DIFFICULTY IN BREATHING, PULMONARY EDEMA, ALLERGIC RESPIRATORY REACTION--EFFECT MAY BE PERMANENT, ASTHMA ATTACK AND/OR REACTION, BRONCHITIS OR BRONCHIAL SPASMS.

DELAYED EFFECTS (CHRONIC):

POSSIBLE SENSITIZATION.

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.

OVEREXPOSURES MAY CAUSE CERTAIN INDIVIDUALS TO DEVELOP ISOCYANATE SENSITIZATION WHICH CAUSES A REACTION TO ISOCYANATES BELOW THE TLV. CHRONIC OVEREXPOSURE TO ISOCYANATES MAY CAUSE LUNG DAMAGE WHICH MAY BE PERMANENT.

CONTAINS INGREDIENTS WHICH MAY CAUSE ALLERGIC RESPIRATORY REACTION--EFFECT MAY BE PERMANENT.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE - ANY RESPIRATORY OR SKIN CONDITION.

EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT: FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION.

SKIN CONTACT: WASH THOROUGHLY WITH SOAP AND WATER.

CLOTHING: REMOVE CONTAMINATED CLOTHING AND SHOES. WASH CLOTHING BEFORE REUSE. THOROUGHLY CLEAN CONTAMINATED SHOES.

INHALATION: IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE

***** SECTION 5: HEALTH HAZARD DATA ***

OXYGEN. GET MEDICAL ATTENTION IMMEDIATELY.

SWALLOWING: IF SWALLOWED, GET MEDICAL ATTENTION IMMEDIATELY.

POSSIBLE ROUTES OF ENTRY: INHALATION, INGESTION, SKIN ABSORPTION.

***** SECTION 6: REACTIVITY DATA ***

THIS PRODUCT IS UNSTABLE
CONDITIONS TO AVOID: HEAT
INCOMPATIBILITY: NA

HAZARDOUS DECOMPOSITION PRODUCTS:
NITROGEN OXIDES CARBON DIOXIDE/MONOXIDE

HAZARDOUS POLYMERIZATION: MAY OCCUR
CONDITIONS TO AVOID: HEAT OR CONTACT WITH PEROXIDES OR OTHER CATALYSTS

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

VENTILATE AREA. AVOID BREATHING OF VAPORS. USE SELF-CONTAINED BREATHING APPARATUS OR AIRMASK FOR LARGE SPILLS IN A CONFINED SPACE. AVOID ALL PERSONAL CONTACT.

WASTE 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 ***

RESPIRATORY PROTECTION:
WEAR APPROPRIATE, PROPERLY FITTED RESPIRATOR (NIOSH/MSHA APPROVED) BEFORE AND AFTER APPLICATION UNLESS AIR MONITORING VAPOR/MIST LEVELS ARE WITHIN APPLICABLE LIMITS. FOLLOW RESPIRATOR MANUFACTURERS DIRECTIONS FOR RESPIRATOR USE.

VENTILATION:
REQUIRED FOR SPRAYING OR IN A CONFINED AREA, VENTILATION EQUIPMENT SHOULD BE EXPLOSION PROOF.

PROTECTIVE GLOVES: NEOPRENE OR OTHER NONPOROUS.
EYE PROTECTION: USUAL EYE PROTECTION FOR APPLYING PAINT.
OTHER PROTECTIVE EQUIPMENT: NEOPRENE OR PLASTIC APRON AND PROTECTIVE CLOTHING COVERING EXPOSED SKIN AREAS.

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

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAMES. KEEP CONTAINER CLOSED WHEN NOT IN USE. DO NOT STORE ABOVE 120 DEG F. BASED ON THE FLASH POINT AND VAPOR PRESSURE SUITABLE STORAGE SHOULD BE PROVIDED IN ACCORDANCE WITH OSHA REGULATION 1910. 106. EMPTY CONTAINERS MAY CONTAIN PRODUCT RESIDUES INCLUDING FLAMABLE OR EXPLOSIVE VAPORS. DO NOT CUT, PUNCTURE OR WELD NEAR CONTAINER. ALL LABEL WARNINGS MUST BE OBSERVED UNTIL THE CONTAINER IS FULLY EMPTY.

V A L S P A R C O R P O R A T I O N
M A T E R I A L S A F E T Y D A T A S H E E T

P A G E 4
37-00V4012

***** SECTION 9: SPECIAL PRECAUTIONS

***CONTINUED*

ABBREVIATIONS USED:

OSHA-OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION;
IARC-INTERNATIONAL AGENCY FOR RESEARCH ON CANCER; LEL-LOWER EXPLOSIVE LIMITS;
UEL-UPPER EXPLOSIVE LIMITS; MG CU M-MILLIGRAMS PER METERS CUBED; MM-MILLIMETER;
MPC-MILLIONS OF PARTICLES PER CUBIC FOOT; MSHA-MINE SAFETY AND HEALTH
ADMINISTRATION; NA-NOT APPLICABLE; NIOSH-NATIONAL INSTITUTE OF OCCUPATIONAL
SAFETY AND HEALTH; NOT EST-NOT ESTABLISHED; NTP-NATIONAL TOXICOLOGY PROGRAM;
TLV-TWENTY HOUR TIME-WEIGHTED AVERAGE; PEL-PERMISSIBLE EXPOSURE LEVEL; PPM-PARTS PER MILLION;
MFC-METAL FINGER CUP/PENSKY-MARTEN; RECM-RECOMMENDED; TLV-THRESHOLD LIMIT VALUE

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