

\*\*\*\*\* SECTION 1: PRODUCT IDENTIFICATION \*\*\*\*\*

FACTURERS ADDRESS : 1101 THIRD STREET SOUTH, MINNEAPOLIS, MN 55415  
 TELEPHONE NUMBER : (612) 332-7371  
 R EMERGENCY PHONE NO : 1-800-228-5635  
 LOCAL NAME OR FAMILY : PAINT PRODUCT  
 IJLA : NOT APPLICABLE :  
 E NAME : 37 89T1R VC HB EPY CURING AGT  
 SION DATE : 04-18-91 DATE PRINTED : 06-12-91

\*\*\*\*\* SECTION 2: HAZARDOUS INGREDIENTS \*\*\*\*\*

NAME	APPROX WT %		
ON(NA):ALIPHATIC PETROLEUM DISTILLATES	5%	TLV TWA	NOT ESTAB
		TLV STEL	NOT ESTAB
4742-88-7 CHEMICAL: SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH.		OSHA PEL	500.00 PPM
		CEILING	NOT ESTAB
		RECOMND	NOT ESTAB
ON(NA):VM&P NAPHTHA	5%	TLV TWA	300.00 PPM
		TLV STEL	NOT ESTAB
030-30-6 CHEMICAL: NAPHTHA		OSHA PEL	NOT ESTAB
		CEILING	NOT ESTAB
		RECOMND	NOT ESTAB
ON(NA):TALC	40%	TLV TWA	2.00 MG/CU
		TLV STEL	NOT ESTAB
4807-96-6 CHEMICAL: TALC		OSHA PEL	2.00 MG/CU
		CEILING	NOT ESTAB
		RECOMND	NOT ESTAB
ON( 1):SILICON DIOXIDE	10%	TLV TWA	0.10 MG/CU
		TLV STEL	NOT ESTAB
4808-60-7 CHEMICAL: QUARTZ		OSHA PEL	0.10 MG/CU
		CEILING	NOT ESTAB
		RECOMND	NOT ESTAB
ON(NA):EPOXY ADDUCT	20%	TLV TWA	NOT ESTAB
		TLV STEL	NOT ESTAB
8424-41-9 CHEMICAL: FATTY ACIDS, C18 UNSATD., DIMERS, POLYMERS WITH TRIETHYLENETETRAMINE, REACTION PRODUCTS WITH POLY(BISPHENOL A DIGLYCIDYL ETHER)		OSHA PEL	NOT ESTAB
		CEILING	NOT ESTAB
		RECOMND	NOT ESTAB
ON(NA):N-BUTYL ALCOHOL	15%	TLV TWA	50.00 PPM
		TLV STEL	NOT ESTAB
1-36-3 CHEMICAL: 1-BUTANOL		OSHA PEL	NOT ESTAB
		CEILING	50.00 (02)
		RECOMND	NOT ESTAB

## \*\*\*\*\* SECTION 2: HAZARDOUS INGREDIENTS

\*\*\*\*CONTINUED

CAS:108-88-3 CHEMICAL: PHENYL, METHANE

TLV STEL 150.00 PPM  
OSHA PEL 100.00 PPM  
CEILING NOT ESTAB  
RECOMND NOT ESTAB( 1) = THIS MATERIAL IS A CARCINOGEN PER IARC  
( 2) = PPM SKIN

## \*\*\*\*\* SECTION 3: PHYSICAL DATA

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BOILING POINT: 230 DEG F.  
VAPOR PRESSURE MM HG AT 70 DEG F: 28.0  
VAPOR DENSITY (AIR = 1.0): 5.9  
SPECIFIC GRAVITY: 1.31  
PERCENT VOLATILE BY VOLUME: 49.64  
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

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FLASH POINT TOC/PM DEG F : 49  
LOWER EXPLOSIVE LIMIT : 1.00  
UPPER EXPLOSIVE LIMIT : 19.00

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

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THRESHOLD LIMIT VALUE: NOT REQUIRED FOR MIXTURE.

## EFFECTS OF OVEREXPOSURE:

## IMMEDIATE EFFECTS (ACUTE):

CAN BE ABSORBED THROUGH THE SKIN.

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

OVEREXPOSURE TO INGREDIENTS IN THIS PRODUCT MAY CAUSE NOSE AND THROAT IRRITATION, EYE IRRITATION, SKIN IRRITATION, CNS DEPRESSION, CORNEAL INJURY/EYE DAMAGE.

## 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.

\*\*\*\*\* SECTION 5: HEALTH HAZARD DATA \*\*\*\*\*CONTINUED\*\*\*  
CONTAINS INGREDIENTS WHICH MAY CAUSE LIVER DAMAGE, KIDNEY DAMAGE,  
HEARING LOSS.

ICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE - ANY  
PIRATORY OR SKIN CONDITION.

RGENCY 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. DESTROY CONTAMINATED SHOES.  
INHALATION: IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE  
ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE  
OXYGEN. GET MEDICAL ATTENTION IMMEDIATELY.  
SWALLOWING: IF SWALLOWED, GET MEDICAL ATTENTION IMMEDIATELY.

SIBLE ROUTES OF ENTRY: INHALATION, INGESTION, SKIN ABSORBTION.

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

S PRODUCT IS STABLE  
DITIONS TO AVOID: NONE  
MPATIBILITY: STRONG OXIDIZERS  
ARDOUS DECOMPOSITION PRODUCTS:  
AMMONIA COMPOUNDS NITROGEN OXIDES CARBON DIOXIDE/MONOXIDE

ARDOUS POLYMERIZATION: NONE

\*\*\*\*\* 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 AREA.  
ELIMINATE IGNITION SOURCES.  
REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS.  
AVOID ALL PERSONAL CONTACT.

TE DISPOSAL METHOD:

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

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

PIRATORY PROTECTION:

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

ILATION:

REQUIRED FOR SPRAYING OR IN A CONFINED AREA, VENTILATION EQUIPMENT SHOULD B  
EXPLOSION PROOF. ELIMINATE IGNITION SOURCES

\*\*\*\*\* SECTION 8: SPECIAL PROTECTION INFORMATION \*\*\*\*CONTINUED\*  
PROTECTIVE GLOVES: USUAL HAND PROTECTION FOR PAINT APPLICATION.  
EYE PROTECTION: USUAL EYE PROTECTION FOR APPLYING PAINT.  
OTHER PROTECTIVE EQUIPMENT: USUAL CLOTHING FOR PAINTING OPERATIONS.

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

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

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

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 PRODUCT FL POINT AND VAPOR PRESSURE SUITABLE STORAGE SHOULD BE PROVIDED IN ACCORDANCE WITH OSHA REGULATION 1910. 106. EMPTY CONTAINERS MAY CONTAIN PRODUCT RESIDUE, INCLUDING FLAMABLE OR EXPLOSIVE VAPORS. DO NOT CUT, PUNCTURE OR WELD ON OR NEAR CONTAINER. ALL LABEL WARNINGS MUST BE OBSERVED UNTIL THE CONTAINER HAS BEEN CLEANED OR RECONDITIONED.

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;  
MPPCF-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;  
Pb-LEAD; PEL-PERMISSIBLE EXPOSURE LEVEL; PPM-PARTS PER MILLION;  
IC/PM-TAG CLOSED CUP/PENSKY-MARTEN; RECM-RECOMMENDED; TLV-THRESHOLD LIMIT VALU

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