

***** MATERIAL SAFETY DATA SHEET *****
METAL PLATE IMAGE REMOVER #O001-023 (FINE), #O001-024 (BROAD)
(PAGE 1)
DATE OF PREP: 1/1/93

SECTION I

DISTRIBUTER: U. V. PROCESS SUPPLY, INC.
ADDRESS: 1229 W. CORTLAND ST.
CHICAGO, IL 60614-4805
TELEPHONE #: (773) 248-0099
CHEMTREX #: (800) 424-9300

PRODUCT NAME: METAL PLATE IMAGE REMOVER
CHEMICAL FAMILY: SOLVENT CONTAINING INK
DOT SHIPPING CLASS: UN 1210
DOT HAZARD CLASS: FLAMMABLE LIQUID

SECTION II HAZARDOUS COMPONENTS

INGREDIENT	CAS#	%	TLV
DYE STUFF		00.08	
BUTYL ACETATE	123-86-4	37.00	150 PPM/710 Mg/M3 (MIST)
WATER	7732-18-5	20.00	NA
CELLOSOLVE ACETATE	11-15-9	40.00	
ADDITIVES		02.90	
HYDROFLUORIC ACID	7664-39-3	00.02	

DEGREE OF HAZARD	HAZARD	
4=EXTREME	HEALTH (Blue)	2
3=HIGH	FLAMMABILITY (Red)	3
2=MODERATE	REACTIVITY (Yellow)	0
1=SLIGHT	SPECIAL HAZARD	None
0=INSIGNIFICANT		

SECTION III PHYSICAL DATA

BOILING POINT: 239° F (115° C)
VAPOR PRESSURE: 20 mm/Hg
VAPOR DENSITY (AIR = 1): .95
SPECIFIC GRAVITY (H₂O=1): .88
EVAPORATION RATE: SLOWER THAN ETHER
SOLUBILITY IN WATER: COMPLETE
APPEARANCE AND ODOR: LIGHT YELLOW COLOR AND FRAGRANT

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SECTION IV FIRE AND EXPLOSION HAZARDS

FLASH POINT: 131° F
EXTINGUISHING MEDIA: ORDINARY CHEMICAL EXTINGUISHER (CHLORINE GROUP)
SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS: NOT NORMALLY REQUIRED
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE.

SECTION V HEALTH HAZARD DATA

SYMPTOMS OF OVER EXPOSURE: HEADACHE, DIZZINESS, NAUSEA, ANESTHESIA, COUGHING, EYE THROAT AND SKIN IRRITATION.
EFFECTS OF OVER EXPOSURE: SLIGHT TO SEVERE IRRITATION TO EYES AND MUCOUS MEMBRANES OF THE NOSE AND THROAT. DERMATITIS. AFFECTS CENTRAL NERVOUS SYSTEM.
EMERGENCY FIRST AID: (INHALATION) SEEK FRESH AIR, ARTIFICIAL RESPIRATION IF NOT BREATHING. FLUSH EYES WITH COPIOS WATER. WASH SKIN WITH SOAPY WATER. SEEK PHYSICIAN.

SECTION VI REACTIVITY

STABILITY: STABLE
POLYMERIZATION: WILL NOT OCCUR
CONDITIONS AND MATERIALS TO AVOID: NONE
HAZARDOUS DECOMPOSITION PRODUCTS: N/A

SECTION VII ENVIRONMENTAL PROTECTION PROCEDURES

SPILL RESPONSE: DILUTE WITH WATER, USE ABSORBANT MATERIAL TO CLEAN UP SPILL.
DISPOSAL METHOD: DISPOSE WASTE IN ACCORDANCE TO LOCAL AND FEDERAL REGULATIONS.

SECTION VIII EMPLOYEE PROTECTION INFORMATION

PROTECTIVE GEAR: NONE
ADDITIONAL MEASURES: KEEP AWAY FROM HEAT, FIRE AND STRONG OXIDANTS. STORE IN COOL PLACE.
SPECIAL PRECAUTIONS: SKIN CONTACT MUST BE AVOIDED, KEEP AWAY FROM HEAT, FLAME AND CHILDREN.