

**\*\*\* 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	
HYDROFLOURIC 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 (H<sub>2</sub>O=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.