

MATERIAL SAFETY DATA SHEET

38766 & 38767 ITEK MEGA PLATE ETCH

Revision Date:6/11/08

Section I - Product Identification

Manufacturer's Name Presstek	Emergency Phone Number: (24 HOURS) CHEMTREC @ (800)424-9300
Street Address 55 Executive Drive	MSDS Request Phone Number: 1-603-595-7000
City,State,Zip Code Hudson, NH 03051	For MSDS via Fax: 1-800-995-0088 Date Prepared: February 14, 1995
Product Use: OFFSET PRINTING.	Prepared BY: Kenneth W. Pinter

Chemical Name, Trade Name, Synonyms: NONE.

HMIS RATING

1 - Health 1 - Flammability 0 - Reactivity - Personal Protection

Section II - Ingredients

Components	CAS NO.	% WT.	Exposure Limits		
			OSHA PEL	ACGIH TLV	OTHER
WATER	7732-18-5	50-60	N.A.	N.A.	
N-PROPYL ALCOHOL	71-23-8	5-10	500 PPM.	500 PPM.	
ETHYLENE GLYCOL	107-21-1	30-40	50 PPM(C).	50 PPM(C).	
					(C): CEILING

Section III - Physical Data

Boiling POINT(F): N.D.	pH: 5.3
Vapor Pressure(mm Hg): N.D.	Freezing Point(F): N.D.
Vapor Density (AIR = 1): N.D.	VOC LB/GAL: 3.9
Specific Gravity (H2O=1): 1.03	Color And Odor: SLIGHTLY CLOUDY/ALCOHOL
Odor Threshold: N.D.	Physical State: LIQUID
Evaporation Rate (Butyl Acetate = 1): N.D.	
Solubility in Water: COMPLETE.	

Section IV - Fire and Explosion Hazard Data

FLASH POINT (METHOD USED): 104°C (T.C.C.)	Flammable Limits: LEL: N.D. UEL: N.D.
Auto-ignition Temperature: N.D.	
Extinguishing Media: WATER, DRY CHEMICAL, CARBON DIOXIDE.	
Special Fire Fighting Procedures: SPRAY WITH WATER TO COOL BOTTLES.	

Unusual Fire And Explosion Hazards: ALL SOURCES OF IGNITION.

Section V - Reactivity Data

Stability Unstable :	Conditions to Avoid: HEAT, SOURCES OF IGNITION.
Stable : X	

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Incompatibility (Materials to Avoid): NONE.

Hazardous Decomposition Products: NONE.

Hazardous | May Occur: | Conditions to Avoid: NONE.
Polymerization | Will Not Occur: X |

Section VI - Health Hazard Data (Acute and Chronic)

Primary Route(s) of Entry: INHALATION, INGESTION.

Oral Ingestion: ABDOMINAL DISCOMFORT OR PAIN, DIZZINESS, NAUSEA, VOMITING, LUMBAR PAIN, DECREASED REACTION, EUPHORIA, CENTRAL NERVOUS SYSTEM DEPRESSION. OLIGURIA AND COMA POSSIBLE. ETHYLENE GLYCOL MAY BE FATAL.

Eye Contact: EYE DISCOMFORT WITH POSSIBLE TRANSIENT CONJUNCTIVITIS. SERIOUS CORNEAL INJURY NOT ANTICIPATED. MINOR IRRITATION ALSO POSSIBLE.

Skin Contact: NO ADVERSE EFFECTS FROM AVAILABLE INFORMATION EITHER THROUGH CONTACT OR ABSORPTION.

Inhalation: ETHYLENE GLYCOL MISTS MAY IRRITATE THE NOSE AND THROAT. HIGH VAPOR CONCENTRATIONS CAUSED BY HEATING IN A POORLY VENTILATED AREA MAY PRODUCE NAUSEA, VOMITING, HEADACHE AND DIZZINESS.

Effects of Overexposure: MAY CAUSE NOSE AND THROAT IRRITATION. MAY CAUSE HEADACHE NAUSEA, DIZZINESS, AND VOMITING.

Medical Conditions Generally | NO MEDICAL CONDITIONS KNOWN TO BE AGGRAVATED BY Aggravated by Exposure | EXPOSURE TO THIS PRODUCT.

Carcinogenicity: NONE OF THE CHEMICALS USED IN THIS PRODUCT ARE LISTED ON NTP, IARC, OR OSHA LISTINGS OF CARCINOGENS.

Mutagenicity: NOT KNOWN TO BE MUTAGENIC.

Teratogenicity: NOT KNOWN TO BE TERATOGENIC.

Reproductive Toxicity: NOT KNOWN TO HAVE REPRODUCTIVE TOXICITY.

FIRST AID PROCEDURES

Ingestion: IF CONSCIOUS, GIVE 2 GLASSES OF WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

Eye: FLUSH THE EYES THOROUGHLY WITH WATER. OBTAIN MEDICAL ATTENTION.

Skin: REMOVE CONTAMINATED CLOTHING AND FLUSH THE EXPOSED AREA THOROUGHLY WITH WATER.

Inhalation: REMOVE TO FRESH AIR. IF DISCOMFORT PERSISTS CONTACT A PHYSICIAN.

Section VII - Toxicology Information

Ingredient	Inhalation	Oral	Dermal
	LC50	LD50 (RATS)	LD50 (RABBITS)
WATER	N.D.	N.D.	N.D.
N-PROPYL ALCOHOL	8000 PPM.	5.4g/KG	6.73g/KG.
ETHYLENE GLYCOL	N.D.	4.0g/KG.	19.5g/KG.

Section VIII - Spill or Leak Procedure

Steps to be taken in case material is released or spilled:
DIKE THE SPILL AND SOAK UP WITH ABSORBANT MATERIAL. PREVENT LIQUID FROM ENTERING SEWERS.

