MATERIAL SAFETY DATA SHEET

38766 ITEK MEGA PLATE ETCH

Revision Date:5/1/99

Section I - Product Identification

Manufacturer's Name A.B. DICK COMPANY, ITEK GRAPHIX DIV.	Emergency Phone Number: (24 HOURS) CHEMTREC @ (800)424-9300
Street Address 811 JEFFERSON ROAD	MSDS Request Phone Number: 1-800-752-5139, Ext. 2745
	For MSDS via Fax: 1-800-995-0088
City,State,Zip Code ROCHESTER, NEW YORK 14623	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 | % VOC LB/GAL: 3.9
Vapor Pressure(mm Hg): N.D.	Freezing Point(F): N.D.
Vapor Density (AIR = 1): N.D.	% Volatile By Volume: > 75
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 (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 : | Stable : X

Conditions to Avoid: HEAT, SOURCES OF IGNITION.

Incompatibility (Materials to Avoid): NONE.

Hazardous Decomposition Products: NONE.

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

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 Aggravated by Exposure	NO MEDICAL CONDITIONS KNOWN TO BE AGGRAVATED BY 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 LC50	Oral LD50(RATS)	Dermal 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.

Disposal Method: IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

Section IX - Special Protection Information

Ventilation Local Exhaust: RECOMMENDED. Special: N.A.
Mechanical(General): RECOMMENDED. Other: N.A.

Respiratory Protection: NONE REQUIRED.

Protective Clothing: GLOVES.

Eye Protection: SPLASH GOGGLES.

Other Protective Equipment: LAB COAT.

Section X - Special Precautions

Precautions to be taken in Handling and Storing:
STORE THIS PRODUCT AT DESIGNATED LOCATIONS, LAB COAT.

Other Precautions: CONTACT LENS WEARERS SHOULD WEAR REGULAR GLASSES.

Section XI - Transportation Information

Hazard Class: N.A.
DOT Proper Shipping Name: NOT REGULATED.

Section XII - Regulatory Information

CERCLA/SUPERFUND,40 CFR 117,302: THIS PRODUCT DOES NOT CONTAIN ANY REPORTABLE QUANTITY (RQ) SUBSTANCE.

SARA(TITLE III) - Sections 302, 311, 312, and 313:

Section 302 Extremely Hazardous Substances (40 CFR 355): THIS PRODUCT DOES NOT CONTAIN ANY INGREDIENTS LISTED AS AN EXTREMELY HAZARDOUS SUBSTANCE.

Section 311 and 312 MSDS Submission and Inventory Reporting (40 CFR 370):
THIS PRODUCT CONTAINS MATERIAL THAT MAY REQUIRE REPORTING UNDER 311 AND 312 IF STORED IN LARGE ENOUGH QUANTITIES.
Section 313 Toxic Chemical Release Reporting (40 CFR 372): THIS PRODUCT CONTAINS ETHYLENE GLYCOL WHICH MAY REQUIRE REPORTING UNDER SECTION 313.

TOXIC SUBSTANCES CONTROL ACT (TSCA):
This product complies with rules and regulations of TSCA.

California Proposition 65: THIS PRODUCT DOES NOT CONTAIN ANY MATERIALS, THAT ARE CURRENTLY LISTED BY THE STATE OF CALIFORNIA UNDER PROPOSITION 65.

Section XIII - Addition Information

NONE

N.D. = No Data N.A. = Not Applicable
The information herein given in good faith but no warranty, express or implied, is made.