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: CHEMTREC @ (800)424-9300

MSDS Request Phone Number: 1-603-595-7000

Street Address: 55 Executive Drive

City, State, Zip Code: Hudson, NH 03051

Date Prepared: February 14, 1995

Prepared By: Kenneth W. Pinter

Product Use: OFFSET PRINTING.

Chemical Name, Trade Name, Synonyms: NONE.

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HMIS RATING

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

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Section II - Ingredients

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS NO.</th>
<th>% WT.</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>OTHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>WATER</td>
<td>7732-18-5</td>
<td>50-60</td>
<td>N.A.</td>
<td>N.A.</td>
<td></td>
</tr>
<tr>
<td>N-PROPYL ALCOHOL</td>
<td>71-23-8</td>
<td>5-10</td>
<td>500 PPM.</td>
<td>500 PPM.</td>
<td></td>
</tr>
<tr>
<td>ETHYLENE GLYCOL</td>
<td>107-21-1</td>
<td>30-40</td>
<td>50 PPM(C).</td>
<td>50 PPM(C).</td>
<td></td>
</tr>
</tbody>
</table>

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Section III - Physical Data

Boiling Point (F): N.D.  pH: 5.3

Freezing Point (F): N.D.

Vapor Pressure (mm Hg): 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.

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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.

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Unusual Fire And Explosion Hazards: ALL SOURCES OF IGNITION.

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Section V - Reactivity Data

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

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MATERIAL SAFETY DATA SHEET

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 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.

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

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Inhalation LC50</th>
<th>Oral LD50 (Rats)</th>
<th>Dermal LD50 (Rabbits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WATER</td>
<td>N.D.</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>N-PROPYL ALCOHOL</td>
<td>8000 PPM.</td>
<td>5.4g/KG</td>
<td>6.73g/KG</td>
</tr>
<tr>
<td>ETHYLENE GLYCOL</td>
<td>N.D.</td>
<td>4.0g/KG</td>
<td>19.5g/KG</td>
</tr>
</tbody>
</table>

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.
Section IX - Special Protection Information

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.


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 - Additional Information

NONE