Section I — Paper Etch Dissolving Gel

Emergency Telephone Number
Contact your local poison control center
Telephone Number for Information
(816) 891-7774
Date Prepared
August 2001
Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

<table>
<thead>
<tr>
<th>Hazardous Component(s) (Specific Chemical Identity; Common Name(s))</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other Limits Recommended</th>
<th>% (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Bisulfate</td>
<td>None established</td>
<td>None established</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAS 7681-38-1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Hazard Classification (DOT): Not classified as hazardous
OSHA Hazard Communication Health Hazard Classification: Irritant
Section 312 or SARA Title III Hazard Category: Acute
Hazardous Materials Identification System (HMIS) rating 1-0-1-F
National Fire Protection Association (NFPA) rating: 1-0-1

Section III — Physical/Chemical Characteristics

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>212°F</td>
</tr>
<tr>
<td>Specific Gravity (H₂O = 1)</td>
<td>WPG = 9.09</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg)</td>
<td></td>
</tr>
<tr>
<td>Heavier than air</td>
<td></td>
</tr>
<tr>
<td>Vapor Density (AIR = 1)</td>
<td></td>
</tr>
<tr>
<td>of water</td>
<td></td>
</tr>
<tr>
<td>Melting Point</td>
<td>350 degrees F</td>
</tr>
<tr>
<td>Evaporation Rate (Butyl Acetate = 1)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>100% soluble</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>Light beige gel - slight odor</td>
</tr>
</tbody>
</table>

Section IV — Fire and Explosion Hazard Data

Flammable Limits
Does not burn
LEL: NA
UEL: NA

Extinguishing Media
Water or dry chemical

Special Fire Fighting Procedures
Wear acid protective equipment. If temperatures greater than 570 degrees are reached, self-contained breathing apparatus should be worn.

Unusual Fire and Explosion Hazards
Precautions for exposure to a weak sulfuric acid should be followed.
Section V — Reactivity Data

Incompatibility (Materials to Avoid) 
Avoid contact with strong alkaline materials such as caustic. Do not mix with bleach, ammonia cleanser, or similar products.

Hazardous Decomposition or Byproducts
None unless heated over 570 degrees F, at which point it will decompose, generating oxides of sulfur.

Section VI — Health Hazard Data

Route(s) of Entry: 
Inhalation? 
Irritant
Skin? 
Irritant
Ingestion? 
Irritant

Health Hazards (Acute and Chronic) 
Eyes - mild to severe irritation or burning
Skin - mild to moderate irritation or burning
Ingestion/Inhalation - may irritate or burn nose, throat, stomach, and lungs.

Carcinogenicity:
NTP? 
Not carcinogenic by NTP, IARC, or OSHA
IARC Monographs? 
OSHA Regulated?

Signs and Symptoms of Exposure
Irritation, burns, or discomfort

Medical Conditions
Generally Aggravated by Exposure
Skin rashes, respiratory conditions (such as asthma)

Emergency and First Aid Procedures:
Seek prompt medical attention if symptoms persist. Eyes - immediately flush with water for at least 15 min. Skin - thoroughly flush with water/and or soap and water to remove.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled:
Containment technique: Diking
Inhalation - Seek fresh air.
Ingestion - Do not induce vomiting. Call poison control center or physician.
If recovery is not feasible, mix w/dry soil, sand, or non-reactive adsorbent and place in a container or dumpster pending disposal. Neutralize balance of spill w/weak alkaline and wash down to sewer if in accordance with local, state, and federal regulations.

Precautions to Be Taken in Handling and Storing
Avoid contact with skin, eyes, or clothing. Keep containers tightly closed.

Other Precautions
Spilled gel is very slippery. Use care to avoid falls. Keep out of the reach of children.

Section VIII — Control Measures

Respiratory Protection (Specify Type)
Normal ventilation should be adequate under normal use.

Ventilation
Local Exhaust
Adequate
Special
Mechanical (General)
Acceptable
Other

Protective Gloves
Suggested
Eye Protection
none required under normal use

Other Protective Clothing or Equipment
none needed

Work/Personal Practices
Eyewash/water capabilities should be available.