


Material Safety Data Sheet
 May be used to comply with
 OSHA's Hazard Communication Standard,
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements.

U.S. Department of Labor
 Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072

IDENTITY <i>(As Used on Label and List)</i> Gel-Etch Etching Gel	NOTE: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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Section I

Manufacturer's Name Temrex Corporation	Emergency Telephone Number (800) 645-1226
Address <i>(Number, Street, City, State, and ZIP Code)</i> 112 Albany Avenue	Telephone Number for Information (516) 868-6221
P.O. Box 182	Date Prepared January 26, 2009
Freeport, NY 11520	Signature of Preparer <i>(optional)</i> 

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Phosphoric Acid	N/A	N/A	N/A	N/A

Section III - Physical/Chemical Characteristics

Bolling Point Above 80°C	Specific Gravity (H₂O = 1) ca 1.25
Vapor Pressure (mm Hg.)	Melting Point
Vapor Density (AIR = 1) N/A	Evaporation Rate (Butyl Acetate = 1)
Solubility in Water Soluble.	
Appearance and Odor Green gel; no odor.	

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media N/A			
Special Fire Fighting Procedures Non-Flammable.			
Unusual Fire and Explosion Hazards None			

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	
Incompatibility (<i>Materials to Avoid</i>)			
Alkaline materials; metals.			
Hazardous Decomposition or Byproducts			
None.			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI - Health Hazard Data

Route(s) of Entry: Inhalation? Skin? Ingestion?
No special precautions. Wash w/ copious amounts of water; contact physician if skin is damaged.

Health Hazards (*Acute and Chronic*)

Damage to tissues on contact. May cause burns. Ingestion: take solution of

Sodium bicarbonate or, if not available, milk; contact physician; do not induce vomiting.

Can cause severe damage to digestive system if swallowed in large amounts. Eyes: Wash

With copious amounts of water; contact physician if in pain or vision is affected.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	N/A	N/A	N/A

Signs and Symptoms of Exposure

Skin irritation.

Medical Conditions Generally Aggravated by Exposure

N/A

Emergency and First Aid Procedures

On contact with skin or eyes, flush immediately with copious amounts of water.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

N/A

Waste Disposal Method

Precautions to Be Taken in Handling and Storing

Routine precautions applicable to acids.

Other Precautions

Wash with copious amounts of water.

Section VIII - Control Measures

Respiratory Protection (<i>Specify Type</i>)		
None		
Ventilation	Local Exhaust	Special
	Mechanical (<i>General</i>)	Other
Protective Gloves	Eye Protection	
Not required if used according to directions.	Not required when used accordingly.	
Other Protective Clothing or Equipment		
None		
Work/Hygiene Practices		
In case of contact with skin or mucosa, wash immediately.		