

Material Safety Data Sheet

ETCHING GEL

Page 1 of 2

SECTION I – Product/Company Identification

1.1 Product Trade Name: ETCHING GEL
1.2 Part (Item) Number:
1.3 Division Name: COSMEDENT Inc.
1.4 Address: 401 North Michigan Avenue
Chicago, IL 60611
1.5 Emergency Telephone Number:
1.6 Telephone Number for Information: (312) 644-9586
1.7 Date Prepared: 01-03-2005

SECTION II – Hazardous Ingredients/Identity Information

<u>Hazardous Components</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits</u>
Phosphoric acid	1 mg/m ³	1 mg/m ³	
Glycerine (as mist)	15 mg/m ³	10 mg/m ³	

SECTION III – Physical/Chemical Characteristics

3.1 Boiling Point: N.A.
3.2 Vapor Pressure: N.A.
3.3 Vapor Density: N.A.
3.4 Solubility in Water: Soluble
3.5 Appearance and Odor: Blue colored soft paste without any odor
3.6 Specific Gravity: 1,3 g/cm³
3.7 Melting Point: N.E.
3.8 Evaporation Rate: N.A.

SECTION IV – Fire and Explosion Hazard Data

4.1 Flash Point: N.A.
4.2 Flammability (explosive limits): N.A.
LEL: N.A. UEL: N.A.
4.3 Extinguishing Media: N.E.
4.4 Special Fire Fighting Procedures: N.E.
4.5 Unusual Fire and Explosion Hazards: N.E.

SECTION V – Reactivity Data

5.1 Stability: Unstable: Stable: X
5.2 Condition to Avoid (Stability): Temperatures greater than 50°C (122°F)
5.3 Incompatibility (Materials to Avoid): Strong alkaline agents
5.4 Hazardous Decomposition or Byproducts: None
5.5 Hazardous Polymerisation: May Occur: Will not Occur: X
5.6 Conditions to Avoid: Elevated temperatures

Material Safety Data Sheet

ETCHING GEL

Page 2 of 2

SECTION VI – Health Hazard Data

6.1 Route(s) of Entry:	Inhalation?: No	Skin?: Yes	Ingestion?: Possible
6.2 Health Hazards (Acute and Chronic):	Material causes etching to eyes.		
Eyes:	Material causes etching to skin.		
Skin:	Material causes etching if swallowed.		
Ingestion:			
6.3 Carcinogenicity:	NTP?:	IARC Monographs?:	OSHA Regulated?:
	Not listed	Not listed	No
	All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic substances Control Act (TSCA) Chemical Substance Inventory.		
6.4 Signs and Symptoms of Exposure:	Dermal redness or irritation or etching.		
6.5 Medical Conditions Generally Aggravated by Exposure:	Open sores and wounds of the skin.		
6.6 Emergency First Aid Procedures:			
Eyes:	In case of eye contact, flush with flowing water. Get prompt medical attention.		
Skin:	Wash skin with soap and water. If irritation persists, call a physician		
Ingestion:	If swallowed give a lot of water to drink. See a physician.		

SECTION VII – Precautions for Safe Handling and Use

7.1 Steps to Be Taken in Case Material is Released or Spilled:	Scoop bulk material and place in a labeled plastic or metal container. Avoid gross skin contact .
7.2 Waste Disposal Methods:	Dispose of in accordance with Federal, State and Local environmental control regulations.
7.3 Precautions to Be Taken in Handling and Storage:	Store away from food and beverages. Store away from extreme heat.
7.4 Other Precautions:	None

SECTION VIII – Control Measures

8.1 Respiratory Protection:	None required during normal use of this product.
8.2 Ventilation:	None required during normal intended use of this product.
8.3 Protective Gloves:	Latex or vinyl gloves
8.4 Eye Protection:	Protective goggles
8.5 Other Protective Clothing or Equipment:	Coat
8.6 Work/Hygienic Practices:	Observe normal care when working with chemicals.
