

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 (as Used on Label and List) Etching Gel	<i>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.</i>
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Section I

Manufacturer's name DENTAMERICA	Emergency Telephone Number
Address (Number, Street, City, State and ZIP Code) 18688 E. San Jose Ave Industry, CA 91748	Telephone Number for Information (626) 912-1388
	Date Prepared 2/27/90
	Signature of Preparer (optional)

Section II—Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Phosphoric acid				

Section III—Physical/Chemical Characteristics

Boiling Point	100°C	Specific Gravity (H ₂ O = 1)	1.25
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	Soluble		
Appearance and Odor	Semi-gel		

Section IV—Fire and Explosion Hazard Data

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

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? N/A	Skin? Yes	Ingestion? Yes
Health Hazards (<i>Acute and Chronic</i>) Acute – damage to tissue on contact. Chronic – may cause burns.			
Carcinogenicity	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A
Signs and Symptoms of Exposure Skin Irritation			
Medical Conditions			
Generally Aggravated by Exposure None known			
Emergency and First Aid Procedures			
Eyes – Flush with copious amounts of water. Skin – Wash with soap and water.			
Ingestion – Take solution of sodium bicarbonate or milk. Do not induce vomiting. Call physician.			
Section VII—Precautions for Safe Handling and Use			
Steps to Be Taken in Case Material Is Released or Spilled Routine precautions applicable to acids. Wipe up with soap, water, and paper towels.			
Waste Disposal Method Routine disposal methods.			
Precautions to Be Taken in Handling and Storing Routine precautions applicable to acids.			
Other Precautions N/A			
Section VII—Control Measures			
Respiratory Protection (<i>Specify Type</i>) None			
Ventilation	Local Exhaust		Special
	Mechanical (<i>General</i>)		Other
None			
Protective Gloves	Not required under normal handling.	Eye Protection	Not required under normal handling.
Other Protective Clothing or Equipment Not required under normal handling.			
Work/Hygienic Practices In case of contact with skin or mucous membrane, wash immediately.			

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