

MATERIAL SAFETY DATA SHEET

IDENTITY (As Used on Label and List)

PRIMACID CONDITIONING GEL

SECTION I

Manufacturer: BioMat Sciences
Address: POBox 1428, Rockville, MD 20848
Telephone: 866-4-BIOMAT
Emergency Number: 301-529-7081
Date Prepared: April 16, 2003

SECTION II – Hazardous Ingredients/Identity Information

HAZARDOUS COMPONENTS LC50	OSHA PEL	ACGIH TLV	LD50/
Phosphoric Acid	1 mg/m ³	1 mg/m ³	NL
Multifunctional monomer	NE	NE	NE
OTHER COMPONENTS			
Inert mineral fillers,	NE	NE	NL

NL = not listed; NE = not evaluated; ND = not determined

SECTION III – Physical/Chemical Characteristics

Boiling Point: 230 degrees Celsius
Vapor Pressure (mm Hg): ND
Vapor Density (AIR = 1): ND
Solubility in Water: Insoluble
Appearance and Odor: Light green, viscous liquid
Specific Gravity (H₂O = 1): ND
Melting Point: ND
Evaporation rate (Butyl Acetate = 1): ND
pH: ND

SECTION IV – Fire and Explosion Hazard Data

Flash Point (Method Used): ND
Flammable Limits (LEL): ND (UEL): ND
Extinguishing Media: Dry chemical, chemical foam, or carbon dioxide
Special Fire Fighting Procedures: Handle as a combustible liquid with possible hazardous decomposition products. Use self-contained breathing apparatus
Unusual Fire and Explosion Hazards: Irritating gases may form upon combustion. Heat-induced polymerization can cause rapid release of energy.

SECTION V – Reactivity Data

STABILITY CONDITIONS TO AVOID

Unstable		Contact with metals and strong bases
Stable	X	Strong visible light, temperatures > 50°C

Incompatibility (Materials to Avoid): Bases, peroxides or other polymerization initiators
 Hazardous Decomposition or Byproducts: Hydrogen may be released if reacted with metal; oxides of carbon

HAZARDOUS
POLYMERIZATION

CONDITIONS TO AVOID

May Occur		
Will Not Occur	X	Sparks or flame, strong visible light, temperatures > 50°C

SECTION VI – Health Hazard Data

ROUTES OF ENTRY: INHALATION? SKIN? INGESTION?
 No Yes Yes

Health Hazards (Acute and Chronic): Material may be irritating to eyes, skin, or respiratory tract in susceptible persons

CARCINOGENICITY: NTP? IARC MONOGRAPH? OSHA REGULATED?
 No No No

Signs and Symptoms of Exposure: Severe eye irritation; itching, redness or burning sensation on skin of susceptible persons

Medical Conditions Generally Aggravated by Exposure: None known

Emergency and First Aid Procedures: Flush eyes with copious amounts of water; get medical attention. Wash skin with soap and water. If large amounts are swallowed, do not induce vomiting; get medical attention.

SECTION VII – Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: Wipe up with absorbent paper or cloth. Dispose in proper manner.

Waste Disposal Method: Do not dispose into sewer system. Dispose of in accordance to local, state and federal regulations.

Precautions to be Taken in Handling and Storing: Refrigerate or store in cool, dry place away from heat, strong light or any ignition source. Avoid temperatures > 50°C.

Other Precautions: Avoid contact with eyes or skin

SECTION VIII – Control Measures

Respiratory Protection (Specify Type): Not applicable

VENTILATION:

Local Exhaust: Rec- om- mended Mechanical (General): Not applicable Special: Not appli- cable Other: Not applica- ble
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Protective Gloves: Impervious rubber gloves recommended

Eye Protection: Safety glasses recommended

Other Protective Clothing or Equipment: Not applicable

Work Hygienic Practices: Avoid skin contact with uncured material. Handle in accordance with good personal hygiene and safety practices.

NOTE: This MSDS was prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200) and is to be used only for this product. The information in this MSDS is believed to be accurate to the best of our knowledge.