

MATERIAL SAFETY DATA SHEET

IDENTITY (As Used on Label and List)

PRIMAGEN Primer

SECTION I

Manufacturer: BioMat Sciences
Address: PO Box 1428, Rockville, MD 20848
Telephone: 866-4-BIOMAT
Emergency Number: 301-529-7081
Date Prepared: April 16, 2001

SECTION II – Hazardous Ingredients/Identity Information

HAZARDOUS COMPONENTS	OSHA PEL	ACGIH TLV	LD50/LC50
Acetone	1000ppm	500ppm	5800mg/kg (rat/oral)
Polymerizable methacrylate	NL	NL	NL
Multifunctional monomer	NE	NE	NE

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

SECTION III – Physical/Chemical Characteristics

Boiling Point: 56°C/133°F (acetone) Specific Gravity (H₂O = 1): ND
Vapor Pressure (mm Hg): 184 (acetone) Melting Point: ND
Vapor Density (AIR = 1): ND Evaporation rate (Butyl Acetate = 1): ND
Solubility in Water: Partial pH: ND
Appearance and Odor: Light yellow liquid with odor of acetone

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
Unusual Fire and Explosion Hazards: Irritating gases may form upon combustion

SECTION V – Reactivity Data

STABILITY CONDITIONS TO AVOID

Unstable		
Stable	X	Strong visible light, temperatures > 40°C

Incompatibility (Materials to Avoid): Bases, peroxides, or other polymerization initiators

Hazardous Decomposition or Byproducts: Oxides of carbon

HAZARDOUS
POLYMERIZATION

CONDITIONS TO AVOID

May Occur		
Will Not Occur	X	Sparks or flame, strong visible light, temperatures > 40°C

SECTION VI – Health Hazard Data

ROUTES OF ENTRY: INHALATION? SKIN? INGESTION?
 Yes Yes Yes

Health Hazards (Acute and Chronic): Uncured 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 or respiratory tract 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 > 40°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

Protective Gloves: Impervious rubber gloves recom-
mended

Eye Protection: Safety glasses recommended

Other Protective Clothing or Equipment: Not applicable

Work Hygienic Practices: Avoid prolonged exposure to vapors from 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.