

1. Chemical Product and Contact Information

Product Name: Bond-It® Primer B

Material Safety Sheet Number: 00056
Date of Issue: 01/20/94
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Company Identification: Pentron Clinical
 1717 West Collins Ave.
 Orange, CA 92867
 Phone: 800-551-0283
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Emergency Information Chemtec: 800-424-9300
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2. Composition/Information on Ingredients

Chemical Characteristics: A mixture of dental methacrylate resins in acetone

Description: A condensation product of PMDA, glycerol dimethacrylate in acetone, methacrylate resins, and polymerization initiators.

Element	CAS #	Exposure Limit mg/m ³	
		OSHA PEL	ACGIH TLV
Acetone	67-64-1	2400	1188
PMGDM	N/E	Unknown	Unknown
HEMA	868-77-9	N/E	N/E
H ₂ O	7732-18-5	N/E	N/E
Curing System	Various	N/E	N/E
Bis GMA	1565-92-2	N/E	N/E

3. Hazard Identification

Avoid contact with skin, mucous membrane and eye. Avoid ingestion.

4. First Aid Measures

Inhalation: Remove to fresh air. Get immediate medical attention.

Contact with eyes: Flush with water for 15 minutes, including under eyelids. Get immediate medical attention from an ophthalmologist.

Contact with skin: Immediately wash with large amounts of soap and water. Consult a physician if irritation occurs.

After ingestion: Do not induce vomiting. If conscious, give lots of water. Get immediate medical attention.

5. Fire Fighting Measures

Extinguishing media: Chemical foam, CO₂, dry chemical and H₂O.

Special procedures: Firefighters should wear full protective clothing and gear including a self-contained breathing apparatus.

6. Accidental Release Measures

In case of spillage: Mop or wipe up and dispose in an approved waste container. Keep out of sewers, storm drains, surface waters and soil. Spills on porous surfaces may contaminate ground water.

Waste Disposal: Dispose in accordance with Federal, State, and local regulations.

Special Precautions: Do not breathe mists or vapors. Use self-contained breathing apparatus when needed or when level exceeds the TLV or PEL.

7. Handling and Storage

Refrigeration required. Store at 2° - 8°C. Store away from direct sun light, initiators, oxidizing and/or reducing agents. Use at room temperature.

8. Exposure Controls/Personal Protection

Respiratory protection: None in normal use.
 Eye protection: Goggles.
 Protective gloves: Rubber gloves.

9. Physical and Chemical Properties

Appearance: Form: Liquid.
 Color: Slightly yellow.
 Odor: Characteristic.

Melting point: -142°F (-97°C).
 Boiling point: Unknown.
 Flash point: -15°F (-26°C). Flammable limit, air Vol% lower = 2.6 / upper = 13.0.
 Autoigniton temperature: 1000°F.
 Danger of explosion: Unlikely.
 Vapor Pressure: 184.
 Percent Volatile W/W%: >45.

10. Stability and Reactivity

Stability: Stable.
 Conditions to avoid: Heat, sparks & open flames.
 Incompatibility: Acids, oxidizing agent, alkalis, amines, ammonia and chlorinated compounds.

11. Toxicological Information

Carcinogenicity: None of the components of this material are listed by IARC, NTP, OSHA, or ACIGH as carcinogens.
 TLV: For monomer N/E; for decomposition: N/E.
 Primary Routes of entry: Inhalation, skin, and eyes.

12. Ecological Information

Unknown.

13. Disposal Considerations

Dispose of in accordance with Federal, State, and local regulations.

14. Transport Information

Not classified as dangerous goods.

15. Regulatory information

Unknown.

16. Other Information

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