

**1. Chemical Product and Contact Information**
**Product Name:** Bond-It® Primer B

**Material Safety Sheet Number:** 00056  
**Date of Issue:** 01/20/94  
**Revision Date:** 01/20/06

**Company Identification:** Pentron Clinical Technologies, LLC  
 68 North Plains Industrial Road  
 Wallingford, CT U.S.A. 06492  
**Phone:** 800-551-0283  
 203-265-7397

**Emergency Information Chemtrec:** 800-424-9300  
**Chemtrec International:** 202-483-7616

**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 <sup>3</sup>	
		OSHA PEL	ACGIH TLV
Acetone	67-64-1	2400	1188
PMGDM	N/E	Unknown	Unknown
HEMA	868-77-9	N/E	N/E
H <sub>2</sub> 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, CO<sub>2</sub>, dry chemical and H<sub>2</sub>O.  
**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**

Store material between 36°F - 55°F (2°C - 13°C). 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.  
Autoignition 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**

The information and recommendations set forth herein (hereinafter "information") are presented in good faith and believe to be correct as of the date hereof. Pentron Clinical Technologies, LLC however makes no representations as to the completeness of accuracy thereof and information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will Pentron Clinical Technologies, LLC be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information.

NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OR MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS.