

1. Chemical Product and Contact Information

Product Name: Bond-It® Primer Part A
Material Safety Sheet Number: 00005
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Company Identification: **Pentron Clinical Technologies, LLC**
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2. Composition/Information on Ingredients

Chemical characteristics: Mixture of acetone and dental surface active monomer, NTG-GMA magnesium.
Description: NTG-GMA magnesium salt in acetone.
Hazardous components:

Element	Percent	CAS #	Exposure Limit mg/m ³	
			OSHA PEL	ACGIH TLV
Acetone	≥ 95 %	67-64-1	2400	1188
NTG-GMA, magnesium salt	≤ 5%	Unknown	Unknown	Unknown

3. Hazard Identification

Risk identification: Avoid prolonged contact with skin, mucous membrane and oral mucosa. Avoid eye contact. Avoid ingestion.
Special risks for human beings and environment: None known.
Classification: Unknown.

4. First Aid Measures

After skin contact: Wash with soap and water. Consult a physician if irritation occurs.
After eye contact: Immediately flush eyes with eyelids retracted, with plenty of water for 15 minutes. Consult an ophthalmologist if needed.
After swallowing: Do not induce vomiting. If conscious, give lots of water, seek immediate medical attention.

5. Fire Fighting Measures

Extinguishing media: Chemical foam, carbon dioxide, dry chemical and water.
Protective equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. Accidental Release Measures

Personal precautions: Follow common hygienic measures.
Environmental precautions: Do not breathe mists or vapors. Avoid skin contact, wear protective equipment. Absorb with inert material. Collect in closed containers and dispose as recommended.
Methods for cleaning up: Dispose according to Federal, State, and local regulations.
Additional information: Unknown.

7. Handling and Storage

Handling: Always handle with care.
Handling procedures: Store material below 80°F, away from direct sunlight, initiators, oxidizing, and/or reducing agents. Over time, spontaneous polymerization may occur.
Recommendation for fire and explosion protection: Firefighters should wear full protective clothing and gear including a self-contained breathing apparatus.
Storage: Refrigeration required. Store at or below 55°F (12°C).

8. Exposure Controls/Personal Protection

Additional information:
 Personal protective equipment: Protective gloves, goggles are recommended.
 General measure of protection and hygiene: Normal hygienic measures.
 Respiration: Protective mask.
 Hands: Protective gloves.
 Eyes: OSHA approved goggles.

9. Physical and Chemical Properties

Appearance: Form: Liquid.
 Color: Slightly brownish when aged.
 Odor: Acetone.

Information on change in the physical state
 Melting point/melting range: Not applicable.
 Boiling point/boiling range: Unknown.
 Flash point: 1°F (-17.2°C).
 Autoignation temperature: 960°F (516°C).
 Danger of explosion: None known.
 Density: 0.85g/cm³
 Vapor pressure: 184.
 Viscosity: Not applicable.
 pH: Not applicable.
 Solubility in/miscibility with water: Yes.
 Organic solvents: >95%.
 Water: Unknown.
 Content of solids: <5%.

10. Stability and Reactivity

Stability: Flammable. Avoid heat and ignition sources, aging and contamination.
 Incompatibility with other substances: Strong oxidizing and reducing agents and UV light.
 Hazardous decomposition products: Unknown.

11. Toxicological Information

Carcinogenicity: None of the components of this material are listed by IARC, NTP, OSHA, or ACGIH as a carcinogen.
 TLV: For monomer, not applicable.
 Primary routes of entry: Inhalation/ingestion, skin, and eyes.

12. Ecological Information

General information: Unknown.
 Classification of water endangerment: Unknown.

13. Disposal Considerations

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

14. Transport Information

Not classified as dangerous goods in consumer quantity.

15. Regulatory information

Classification according to EEC guidelines: Unknown.
 National Prescriptions: Unknown.
 Classification according to VbF: Unknown

16. Other Information

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