

1. Chemical Product and Contact Information
Product Name: Amalgacure™ Base and Catalyst

Material Safety Sheet Number: 00120
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Company Identification: **Pentron Clinical**
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Emergency Information Chemtrec: 800-424-9300
Chemtrec International: 202-483-7616

2. Composition/Information on Ingredients

Chemical characteristics: Unfilled dental methacrylate resin mixture with photo initiator, amine, stabilizer and benzoyl peroxide.
Description: Two-part dual cure unfilled resin adhesive.
Hazardous components: Benzoyl peroxide.

Element	CAS #	Exposure Limit mg/m ³	
		OSHA PEL	ACGIH TLV
Benzoyl peroxide	94-36-0	5	5

3. Hazard Identification

Risk identification: None known.
Special risks for human beings and environment: None known.
Classification: Not hazardous. Those people known to be allergic to methacrylate resins should avoid the use of this product.

4. First Aid Measures

General information: Unknown.
After skin contact: Wash with plenty of soap and water.
After eye contact: Rinse with plenty of water and contact an ophthalmologist.
After swallowing: Seek medical advice immediately.

5. Fire Fighting Measures

Extinguishing media: CO₂, water, dry chemical.
Protective equipment: Unknown.

6. Accidental Release Measures

Personal precautions: Wear protective equipment. Avoid direct contact.
Environmental precautions: Unknown.
Methods for cleaning up: Absorb with inert material. Collect in closed containers and dispose of as recommended.
Additional information: Incineration according to Federal, state, and local regulations.

7. Handling and Storage

Handling: Always handle with care.
Handling procedures: Unknown.
Recommendation for fire and explosion protection: Unknown.
Storage: Refrigeration required. Store at 2°-18°C. Store away from direct light.
Requirements at storerooms and containers: Store in a cool, dry place at or below room temperature.
Additional storage conditions: Not applicable.
Storage classification: Unknown.
VBF- classification: Unknown.

8. Exposure Controls/Personal Protection

Additional information: Protective gloves and goggles are recommended.
 Personal protective equipment: Follow normal hygienic measures.
General measure of protection and hygiene:
 Respiration: Not necessary.
 Hands: Protective gloves.
 Eyes: OSHA approved goggles.

9. Physical and Chemical Properties

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

	Value	Unit	Method
Information on change in the physical state			
Melting point/melting range:	Not applicable.		
Boiling point/boiling range:	480°F.		
Flash point:	Not applicable		
Autoignition temperature:	Not applicable.		
Danger of explosion:	Not likely.		
Density:	1.12.		
Vapor pressure:	70°F.		
Viscosity:	Not applicable.		
pH:	Not applicable.		
Solubility in/miscibility with:			
Water:	Partly.		
Content of solvents:	None.		
Organic solvents:	None.		
Content of solids:	< 2%.		

10. Stability and Reactivity

Incompatibility with other substances: Strong oxidizing and reducing agents, heat, direct sun-light.
 Hazardous decomposition products: Unknown.

11. Toxicological Information

Carcinogenicity: None of the components of this material are listed by IARC, NTP, OSHA, or ACIGH as carcinogens.
 TLV: Oral rat 5.2 ml/kg.
 Primary Routes of entry: Inhalation, skin, and eyes.

12. Ecological Information

Unknown.

13. Disposal Considerations

Disposal consideration: 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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