

MATERIAL SAFETY DATA SHEET



1. Chemical Product and Contact Information

Product Name: Resinate™ Root Canal Sealant
Date of Issue: 02/15/06
Revision Date: Not applicable
Company Identification: OBTURA SPARTAN
1663 Fenton Business Park Court
Fenton, MO 63026
Phone: 636-343-8300
Emergency Information Chemtrec: 800-424-9300
Chemtrec International: 202-483-7616

2. Composition/Information on Ingredients

Chemical characteristics: Mixture of UDMA, PEGDMA, EBPADMA & BISGMA resins, and silane- treated barium borosilicate glasses*, barium sulfate, silica, calcium hydroxide, bismuth ox chloride with amines, peroxide, photo initiator, stabilizers and pigment.
*contains a small amount of aluminum oxide.
Description: Dental resin composite.

Hazardous components:

Element	CAS #	Exposure Limit mg/m ³	
		OSHA PEL	ACGIH TLV
Cumene hydroperoxide	80-15-9	N/E	N/E
Thiosinamine	109-57-9	N/E	N/E

3. Hazard Identification

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

4. First Aid Measures

General information:
After skin contact: Wash with plenty of water and soap.
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: Avoid skin contact, wear protective equipment.
Environmental precautions: Unknown.
Methods for cleaning up: Absorb with inert material. Collect in closed containers and dispose according to Federal, State and local, regulations.
Additional information: Unknown.

7. Handling and Storage

Storage: Refrigeration required. Store at 36°F-55°F (2°C-12°C). Store away from direct sunlight, initiators, oxidizing, and/or reducing agents. Use at room temperature. Over time, spontaneous polymerization may occur.

8. Exposure Controls/Personal Protection

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

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9. Physical and Chemical Properties

Appearance:	Form:	Paste
	Color:	Pink base & white catalyst.
	Odor:	Ester-like.

Information on change in the physical state

Melting point/melting range:	Unknown.
Boiling point/boiling range:	Unknown.
Flash point:	Unknown.
Auto ignition temperature:	Unknown.
Danger of explosion:	Unlikely.
Density:	1.8 g/cm ³
Vapor pressure:	Unknown.
Viscosity:	Unknown.
pH:	Unknown.
Solubility in/miscibility with Water:	Slightly.
Content of solvents:	None.
Organic solvents:	None.
Content of solids:	≥50%

10. Stability and Reactivity

Incompatibility with other substances:	Stable. Avoid exposure of base to peroxide and excessive heat. Avoid exposure of catalyst to amine and excessive heat.
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:	Unknown.
Primary routes of entry:	Inhalation, skin, and eyes.

12. Ecological Information

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

13. Disposal Considerations

Disposal consideration:	Dispose of in accordance with Federal, State, and local regulations.
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14. Transport Information

Not classified as dangerous goods.

15. Regulatory Information

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

16. Other Information