



1. Chemical Product and Contact Information

Product Name: Resinate™ SE™ Root Canal Sealant

Date of Issue: 03/12/09

Revision Date:

Company Identification:

Obtura Spartan
13729 Shoreline Court East
Earth City, MO 63045
Phone: **800-344-1321**

Emergency Information U.S.:

800-535-5053

Outside U.S.:

352-323-3500

2. Composition/Information on Ingredients

Chemical characteristics:

Mixture of EBPADMA, HEMA, BISGMA and acidic methacrylate resins, silane-treated bariumborosilicate glasses, silica, hydroxylapatite, Ca-Al-F-silicate, bismuth oxychloride with amines, peroxide, photo initiator, stabilizers and pigment.

*contains a small amount of aluminum oxide.

Dental resin composite.

Description:

Hazardous components:

Element	CAS #	Exposure Limit mg/m ³	
		OSHA PEL	ACGIH TLV
Benzoyl Peroxide	94-36-0	N/E	N/E
Tertiary Amine	109-57-9	N/E	N/E
EBPADMA	41637-38-1	N/E	N/E
BISGMA	1565-94-2	N/E	N/E
HEMA	868-77-9	N/E	N/E
Propiortory acidic	N/A	N/E	N/E
Silane treated barium glass	N/A	N/E	N/E
Ca ₃ (PO ₄)	12167-74-7	N/E	N/E
Bismuth oxychloride	7787-59-9	N/E	N/E
Luting system	Various	N/E	N/E

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

After skin contact:

Wash with plenty of soap and water.

After eye contact:

Rinse with plenty of water and contact an ophthamologist.

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:

Unknown.

Environmental precautions:

Absorb with inert material. Collect in closed containers and dispose. Avoid skin contact and wear protective equipment.

Methods for cleaning up:

Dispose according to Federal, State, and local regulations.

Additional information:

Unknown.

7. Handling and Storage

Storage:

Refrigeration required. Store between 35°-55°F (2°-12°C), away from direct sun light, initiators, oxidizing, and/or reducing agents. Over time, spontaneous polymerization may occur.

Handling:

Use at room temperature. Practice normal hygienic measures.



8. Exposure Controls/Personal Protection

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

9. Physical and Chemical Properties

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

Information on change in the physical state	
Melting point/melting range:	Unknown.
Boiling point/boiling range:	Unknown.
Flash point:	Unknown.
Autoignition 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 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

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