



1. Chemical Product and Contact Information

Product Name: Resinate™ Resilon®* Points
Date of Issue: 02/15/06
Revision Date: 03/12/09
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: A compound of polyester, difunctional methacrylate resin, bioactive glass, radiopaque fillers and coloring agent.
Hazardous components: None known.

Element	CAS #	Exposure Limit mg/m ³	
		OSHA PEL	ACGIH TLV
Polyester	Proprietary	N/E	N/E
Difunctional methacrylate resin	25852-47-5	N/E	N/E
Bioactive glass	N/E	N/E	N/E
Bismuth oxychloride	7787-59-9	N/E	N/E
Barium sulfate	7727-43-7	15,* 5**	10
Coloring agent	N/E	N/E	N/E

*Total dust **Respirable fraction

3. Hazard Identification

Risk identification: Unknown.
Special risks for human beings and environment: Unknown.
Classification: Classification corresponds to actual EEC guidelines.

4. First Aid Measures

General information: Unknown.
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.
Protective equipment: Unknown

6. Accidental Release Measures

Personal precautions: Unknown.
Environmental precautions: Unknown.
Methods for cleaning up: Dispose according to Federal, State, and local regulations.
Additional information: Unknown.

7. Handling and Storage

Handling: Good hygienic practice.
Handling procedures: No special procedure.
Recommendation for fire and explosion protection: Unknown.
Storage: Store at room temperature. 65°F-75°F (18°C-24°C).
Requirements at storerooms and containers: Store at room temperature in a dry place, away from food stuffs, acid or bases. Protect from direct light exposure and humidity.
Additional storage conditions: Unknown.
Storage classification: Unknown.
VBF- classification: Unknown.



8. Exposure Controls/Personal Protection

Personal protective equipment: Protective gloves, goggles are recommended.
General measure of protection and hygiene: Routine health care personnel treatment procedures as commonly practiced in the dental health care industry.
Respiration: Adequate local ventilation.
Hands: Gloves recommended.
Eyes: Goggles recommended.

9. Physical and Chemical Properties

Appearance: Form: Solid cones with various sizes.
Color: Light pink.
Odor: None.

Information on change in the physical state
Melting point/melting range: 70 - 80°C
Boiling point/boiling range: Not applicable.
Flash point: Not applicable.
Autoignation temperature: Not applicable.
Danger of explosion: None known.
Density: 2.0 g/cm³ (@ 20°C)
Vapor pressure: Not applicable.
Viscosity: Not applicable.
pH: Neutral.
Solubility in/miscibility with water: Negligible.
Content of solvents: None.
Organic solvents: None.
Water: None.
Content of filler: >60% by wt.

10. Stability and Reactivity

Incompatibility with other substances: Stable. Avoid oxidizing agents, excessive heat and humidity.
Hazardous decomposition products: Hydrocarbons, oxides of sulfur.

11. Toxicological Information

Acute toxicity: Unknown.
Primary irritation: Unknown.
Skin: Non toxic, no absorption.
Eye: Irritating.
Sensitization of product: Unknown.
Additional toxicological information: Unknown.

12. Ecological Information

General information: Unknown.
Classification of water endangerment: None.

13. Disposal Considerations

Disposal consideration: Use proper landfill disposal or incineration in accordance with local, state and federal regulations.

14. Transport Information

Not classified as dangerous goods.

15. Regulatory Information

Classification according to EEC guidelines: No classification necessary to actual EEC guidelines..
National Prescriptions: Unknown.
Classification according to VfF: Unknown.

16. Other Information

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