

# MATERIAL SAFETY DATA SHEET



## 1. Chemical Product and Contact Information

**Product Name:** Resinate™ Resilon™\* Points & Pellets

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: A compound of polyester, difunctional methacrylate resin, bioactive glass, radiopaque fillers and coloring agent.

Description: Unknown.

Hazardous components: None known.

| Element                         | Cas#        | Exposure Limit mg/m <sup>3</sup> |           |
|---------------------------------|-------------|----------------------------------|-----------|
|                                 |             | 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:

CO<sub>2</sub>, water.

Protective equipment:

Unknown.

## 6. Accidental Release Measures

Personal precautions:

Unknown.

Environmental precautions:

Unknown.

Methods for cleaning up:

Dispose in accordance with 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°-75°F (18°-24°C), in a dry place away from food stuffs and bases. Protect from exposure to direct light.

Additional storage conditions:

Unknown.

Storage classification:

Unknown.

VBF- classification:

Unknown.

## 8. Exposure Controls/Personal Protection

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.

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## 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.               |
| Autoignition temperature:             | Not applicable.               |
| Danger of explosion:                  | None known.                   |
| Density:                              | 2.0 (@20°C) g/cm <sup>3</sup> |
| 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: | Dispose in accordance with Federal, State, and local 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 VbF:            | Unknown.   |

## 16. Other Information