

MATERIAL SAFETY DATA SHEET

REALSEAL 1™ OBTURATOR/VERIFIER

1 - IDENTIFICATION

Manufacturer For: Ormco Corporation
Address: 1717 West Collins Avenue
City, State, Zip: Orange, CA 92867
Telephone: 1-800-KERR-123
24-Hour Emergency: Chemtrec 1-800-424-9300
International 1-202-483-7616
Date Prepared: September 2008

2 - COMPOSITION INFORMATION

Chemical Characteristics: A polysulfone based carrier with or without a compound of polyester, difunctional methacrylate resin, bioactive glass, radiopaque fillers and coloring agent on it.

Hazardous Ingredients: 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
Copolymer of Ethylene & Octene	026221-73-8	15*, 5**	3
Polysulfone	25154-01-2	N/E	N/E
Bismuth oxide	1304-76-3	N/E	N/E
*Total Dust			
**Respirable Fraction			

3 - PHYSICAL AND CHEMICAL PROPERTIES

Melting point/Melting Range: 70°-80° C for Resilon material; 180°C for carrier and Size Verifier

Boiling Point: N/A

Specific Gravity (H₂O = 1): N/D

Vapor Pressure (mm Hg): N/A

Viscosity: N/A

pH: Neutral

Density: 2.0 g/cm³ (@20°C)

Solubility in/miscibility with Water: Negligible

Appearance:

Form: Solid Cones in various sizes

Color: Size Verifier: Black - Obturator: Black/White

Odor: None

Content of Filler: .60 by wt.

4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): N/A

Flammable Limits: LEL: N/A **UEL:** N/A

Extinguishing Media: CO₂, Water

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

5 - REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Excessive heat and humidity

Incompatibility (Material to Avoid): Contact with oxidizing agents,

Hazardous Decomposition Products: Hydrocarbons, oxides of sulfur

Hazardous Polymerization: Will not occur

6 - HEALTH HAZARD DATA

Health Hazard Data: Unknown

Special risks to humans: Unknown

Special risks to environmental: Unknown

Carcinogenicity - NTP: No

IARC Monographs: No **OSHA Regulated Carcinogen:** No

Classification: Classification to actual EEC guidelines

7 - EMERGENCY FIRST AID PROCEDURES

Skin: Wash skin with plenty soap and water.

Eyes: Rinse with plenty of water and consult an ophthalmologist.

Ingestion: Seek medical attention immediately

8 - PRECAUTIONS FOR SAFE HANDLING & USE

Methods for Cleaning up: Dispose according to Federal, State, and local regulations.

Precautions to be taken in handling and storing:

Handling: Good Hygienic practice

Handling Procedures: No special procedures

Recommendation for Fire and Explosion Protection: Unknown

Storage: Store at room temperature 65°-75°F (18°-24°) in a dry place away from food stuffs acids or bases. Protect from direct light exposure and humidity.

Additional storage condition: Unknown

Storage Classification: Unknown

VBF - Classification: Unknown

Waste Disposal Method: Dispose according to Federal, State, and Local Regulations.

9 - CONTROL MEASURES

Respiratory Protection: Adequate local ventilation

Protective Gloves: Gloves recommended

Eye Protection: Goggles recommended

Other Protective Clothing or Equipment: None

Work/Hygiene Practices: Routine health care personnel treatment procedures as commonly practiced in the dental health care industry.

10 - TRANSPORTATION INFORMATION

Not DOT regulated.

11 - Toxicological Information

Acute Toxicity: Unknown

Primary Irritation: Unknown

Skin: Non-Toxic, no absorption

Eye: Unknown

Sensitization of Product: Unknown

Additional toxicological information: Unknown

12 - SPECIAL INFORMATION

Classification according to EED Guidelines: No classification necessary to actual EEC guidelines.

Note: This MSDS was prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200) and is to be used only for this product. The information in this MSDS is, to the best of our knowledge, believed to be accurate.