



SE™ Root Canal Sealant

1 – IDENTIFICATION

Manufacturer: FKG Dentaire
Address: CH-2304 La Chaux-de-Fonds,
Switzerland
Telephone: +41 (0)32 924 22 44
24-Hour Emergency: International 1-202-483-7616
Date Prepared: July 2009

2 – COMPOSITION INFORMATION

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.

Element	CAS #	Exposure Limit mg/m ³	
		OSHA PEL	ACGIH TLV
Benzoyl Peroxide	94-36-0	5mg/m ³	5mg/m ³
Tertiary Amine	109-57-9	N/E	N/E
EBPADMA	41637-38-1	N/E	N/E
BISGMA	1564-94-2	N/E	N/E
HEMA	868-77-9	N/E	N/E
Propiorty 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 – PHYSICAL AND CHEMICAL PROPERTIES

Melting point/Melting Range: N/A
Boiling Point: N/A
Flash point: N/A
Autoignition temperature: N/A
Danger of explosion: Unlikely
Density: 1.8g/cm³
Vapor pressure: N/A
Viscosity: N/A
pH: N/A
Solubility in/miscibility with water: Slightly
Content of solvents: None.
Organic solvents: None
Content of solids: ≥50%
Appearance:
Form: Paste
Color: Pink base & white catalyst parts.
Odor: Ester-like

4 – FIRE AND EXPLOSION HAZARD DATA

Extinguishing media: CO₂, water, dry chemical.

Protective equipment: N/A

5 – REACTIVITY DATA

Stability: Stable

Incompatibility: Avoid exposure of this material to peroxide and excessive heat.

Hazardous Decomposition Products: Unknown.

6 – HEALTH HAZARD DATA

Special risks to humans: Not hazardous, those people known to be allergic to methacrylate resins should avoid use of this product.

Special risks to environment: Unknown

7 – EMERGENCY FIRST AID PROCEDURES

Skin: Wash with plenty of soap and water.

Eyes: Rinse with plenty of water. Consult an ophthalmologist.

Ingestion: Seek medical advice immediately.

8 – PRECAUTIONS FOR SAFE HANDLING & USE

Methods for Cleaning up: Dispose in accordance with Federal, State and local regulations.

Precautions to be taken in handling and storing:

Handling: Use at room temperature. Practice normal hygienic measures.

Recommendation for fire and Explosion Protection: Unknown

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

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

9 – CONTROL MEASURES

Respiratory Protection: Not necessary.

Protective Gloves: Protective gloves.

Eye Protection: OSHA approved goggles.

Other Protective Clothing or Equipment: Face mask recommended.

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.

Skin: Avoid skin contact.

Eye: Irritating

Sensitization of product: Unknown

12 – SPECIAL INFORMATION

Classification to EEC 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.