



Points

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

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
*Total Dust			
**Respirable Fraction			

3 – PHYSICAL AND CHEMICAL PROPERTIES

Melting point/Melting Range: 70 – 80°C

Boiling Point: N/A

Flash point: N/A

Autoignition temperature: N/A

Danger of explosion: None known

Density: 2.0g/cm³ (@ 20°C)

Vapor pressure: N/A

Viscosity: N/A

pH: Neutral

Solubility in/miscibility with water: Negligible

Content of solvents: None

Organic solvents: None

Water: None

Content of filler: >60% by wt.

Appearance:

Form: Solid cones in various sizes

Color: Light pink

Odor: None

4 – FIRE AND EXPLOSION HAZARD DATA

Extinguishing media: CO₂, water

5 – REACTIVITY DATA

Stability: Stable

Conditions to avoid: Avoid excessive heat and humidity.

Incompatibility: Contact with oxidizing agents.

Hazardous Decomposition Products: Hydrocarbons, oxides of sulfur.

6 – HEALTH HAZARD DATA

Special risks to humans: Unknown

Special risks to environment: Unknown

7 – EMERGENCY FIRST AID PROCEDURES

Skin: Wash with plenty soap and water.

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

Ingestion: Seek medical advice 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 procedure.

Recommendation for fire and Explosion Protection: Unknown

Storage: Store at room temperature, 60°-80°F (15.5°-26.6°C), 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

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: Irritating

Sensitization of product: Unknown

Additional toxicological information: 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.