

**1. Chemical Product and Contact Information**

Product Name: **FibreKor® Post**  
**Material Safety Sheet Number: 00037**  
 Date of Issue: 09/14/98  
**Revision Date: 12/02/09**  
**Company Identification: Pentron Clinical**  
 1717 West Collins Ave.  
 Orange, CA 92867  
 Phone: **800-551-0283**  
 203-265-7397

**Emergency Information Chemtrec: 800-424-9300**  
**Chemtrec International: 202-483-7616**

**2. Composition/Information on Ingredients**

Chemical characteristics: Mixture of cured copolymers BISGMA, UDMA, HDDMA. Bariumborosilicate\* glasses, barium sulfate, glass fibers. Initiators: DEAEEMA, BHT, Photo and heat curing agents, UV absorbers, silane-coupling agent.  
 \* contains alumina as minor constituent of the glass.

Description: Glass fiber reinforced composite.

Hazardous components: None known.

Element	CAS #	Exposure Limit mg/m <sup>3</sup>	
		OSHA PEL	ACGIH TLV
Methacrylate copolymer	N/A	N/A	N/A
Inorganic fillers & glass fibers in polymer matrix	Various	N/A	N/A

**3. Hazard Identification**

Risk identification: None known.  
 Special risks for human beings and environment: None in rod form. Breathing, skin and eye contact of dust and fibers may cause short term irritation and itching of the mouth, nose, throat, skin and eyes. May cause short term mechanical irritation of the stomach and intestines. There is no known chronic health effects connected with long term use or contact with this product.  
 Classification: Unknown.

**4. First Aid Measures**

General information:  
 After skin contact: Immediately wash with soap and plenty of water for 15 minutes. Consult a physician if irritation occurs.  
 After eye contact: Immediately flush eyes with plenty of water for 15 minutes. Consult an ophthalmologist if needed.  
 Inhalation of dust: Move the person to fresh air and seek medical attention if irritation persists.  
 After swallowing: Consult a physician immediately. Expectorate or induce vomiting. Seek fresh air.

**5. Fire Fighting Measures**

Extinguishing media: Water, chemical foam, carbon dioxide or dry chemical.  
 Protective equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

**6. Accidental Release Measures**

Personal precautions:  
 Environmental precautions: Store in air conditioned room. Follow common hygienic measures. Do not breathe in dust. Absorb with inert material. Collect in closed containers and dispose of as recommended. Avoid skin contact, wear protective equipment.  
 Methods for cleaning up: Dispose in accordance to Federal, State, and local regulations.  
 Additional information: Machining must be done in local ventilation.

**7. Handling and Storage**

Handling: Always handle with care.  
 Handling procedures: Keep container closed to prevent the material from contamination.  
 Recommendation for fire and explosion protection: Not applicable.

**8. Exposure Controls/Personal Protection**

Additional information:  
 Personal protective equipment: Protective gloves, goggles are recommended.  
 General measure of protection and hygiene: Routing health care personnel treatment procedures as commonly practiced in the dental health care industry.  
 Respiration: Not applicable.  
 Hands: Protective gloves.  
 Eyes: OSHA approved goggles.

**9. Physical and Chemical Properties**

Appearance: Form: Cured fiber-reinforced rods.  
 Color: Opaque white.  
 Odor: None.  
 Information on change in the physical state  
 Melting point/melting range: Not applicable.  
 Boiling point/boiling range: Not applicable.  
 Flash point: None known.  
 Autoignation temperature: Not applicable.  
 Danger of explosion: None known.  
 Density: Not applicable.  
 Vapor pressure: Not applicable.  
 Viscosity: Not applicable.  
 pH: Not applicable.  
 Solubility in/miscibility with water: None.  
 Content of solvents: None.  
 Organic solvents: None.  
 Water: None.  
 Content of solids: 100%

**10. Stability and Reactivity**

Incompatibility with other substances: Stable in air and water.  
 Hazardous discomposition products: Hydrocarbons, oxides of sulfur.

**11. Toxicological Information**

Carcinogenicity: NTP: not listed  
 IARC Monographs: not listed  
 OSHA Regulated: not listed  
 TLV:  
 Primary Routes of entry: Inhalation (in dust form)/ingestion, skin, and eyes.

**12. Ecological Information**

General information: Unknown.  
 Classification of water endangerment: Unknown.

**13. Disposal Considerations**

Disposal consideration: Dispose in accordance with Federal, State and local regulations.

**14. Transport Information**

Not classified as dangerous goods in consumer quantity.

**15. Regulatory information**

Classification according to EEC guidelines: Unknown.  
 National Prescriptions: Unknown.  
 Classification according to VbF: Unknown.

**16. Other Information**

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