

## 1. Chemical Product and Contact Information

**Product Name:** FibreKleer™ Post  
**Material Safety Sheet Number:** 00298  
**Date of Issue:** 3/09/05  
**Revision Date:** None.

**Company Identification:** Pentron® Clinical Technologies, LLC  
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## 2. Composition/Information on Ingredients

**Chemical characteristics:** Mixture of cured copolymers BISGMA, UDMA, HDDMA. Bariumborosilicate\* glasses, glass fibers.

**Description:** Glass fiber reinforced composite. Solid rod  
\*contains alumina as minor constituent of the glass.

**Hazardous components:** None known.

Element	CAS #	Exposure Limit mg/m <sup>3</sup>	
		OSHA PEL	ACGIH TLV
Solid composite post (cured)	N/E	N/E	N/E

## 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 flush 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. Consult an ophthalmologist if needed.

**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:** Follow common hygienic measures.

**Environmental precautions:** Do not breathe in dust. Absorb dust with inert material; collect in closed containers and dispose of as recommended. Avoid skin contact, wear protective equipment. Incineration according to Federal, State, and local regulations.

**Methods for cleaning up:** Machining or grinding must be done in local ventilation.

**Additional information:**

## 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 for technical plants:

Components with limits of values to be supervised at the workplace:

The product contains no relevant quantities of components with limits of values to be supervised at the workplace.

Additional information:

Personal protective equipment:

General measure of protection and hygiene:

Protective gloves, goggles are recommended.

Follow health care personnel treatment procedures as commonly practiced in the dental health care industry.

Not applicable.

Respiration:

Hands:

Eyes:

Protective gloves.

OSHA approved goggles.

## 9. Physical and Chemical Properties

Appearance:

Form:

Color:

Odor:

Cured fiber-reinforced rods.

Transparent.

None.

Information on change in the physical state

Melting point/melting range:

Boiling point/boiling range:

Flash point:

Autoignation temperature:

Danger of explosion:

Density:

Vapor pressure:

Viscosity:

pH:

Solubility in/miscibility with water:

Content of solvents:

Organic solvents:

Water:

Content of solids:

Not applicable.

Not applicable.

None known.

Not applicable.

None known.

Not applicable.

Not applicable.

Not applicable.

Not applicable.

None.

None.

None.

None.

100%

## 10. Stability and Reactivity

Incompatibility with other substances:

Hazardous decomposition products:

Stable in air and water.

Hydrocarbons, oxides of sulfur.

## 11. Toxicological Information

Carcinogenicity:

TLV:

Primary routes of entry:

NTP: not listed

IARC Monographs: not listed

OSHA Regulated: not listed

Inhalation/ingestion, skin, and eyes.

## 12. Ecological Information

General information:

Classification of water endangerment:

Unknown.

Unknown.

## 13. Disposal Considerations

Disposal consideration:

Incineration 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:

National prescriptions:

Classification according to VbF:

Unknown.

Unknown.

Unknown.

## 16. Other Information

Revision Summary:

No revisions have been made.

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