

1. Chemical Product and Contact Information

Product Name: Epiphany® Points
Material Safety Sheet Number: 00190
Date of Issue: 09/12/03
Revision Date: 03/7/06
Company Identification: Pentron Clinical Technologies, LLC
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2. Composition/Information on Ingredients

Chemical characteristics: A compound of polyester, difunctional methacrylate resin, bioactive glass, radiopaque fillers and coloring agent.
Hazardous components: 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. Hazard Identification

Risk identification: Unknown.
Special risks for human beings and environment: Unknown.
Classification: Classification corresponds to actual EEC guidelines.

4. First Aid Measures

General information: Unknown.
After skin contact: Wash with plenty of soap and water.
After eye contact: Rinse with plenty of water and consult an ophthalmologist.
After swallowing: Seek medical advice immediately.

5. Fire Fighting Measures

Extinguishing media: CO₂, water.
Protective equipment: Unknown.

6. Accidental Release Measures

Personal precautions: Unknown.
Environmental precautions: Unknown.
Methods for cleaning up: Dispose according to Federal, State and local regulations.
Additional information: Unknown.

7. Handling and Storage

Handling: Good hygienic practice.
Handling procedures: No special procedure.
Recommendation for fire and explosion protection: Unknown.
Storage: Store at room temperature, 65°-75°F (18°-24°C), in a dry place away from food stuffs acids or bases. Protect from direct light exposure and humidity.
Additional storage conditions: Unknown.
Storage classification: Unknown.
VBF- classification: Unknown.

8. Exposure Controls/Personal Protection

Personal protective equipment:	Protective gloves, goggles are recommended.
General measure of protection and hygiene:	Routine health care personnel treatment procedures as commonly practiced in the dental health care industry.
Respiration:	Adequate local ventilation.
Hands:	Gloves recommended.
Eyes:	Goggles recommended.

9. Physical and Chemical Properties

Appearance:	Form:	Solid cones in various sizes.
	Color:	Light pink.
	Odor:	None.

Information on change in the physical state	
Melting point/melting range:	70 - 80°C
Boiling point/boiling range:	Not applicable.
Flash point:	Not applicable.
Autoignition temperature:	Not applicable.
Danger of explosion:	None known.
Density:	2.0 g/cm ³ (@ 20°C)
Vapor pressure:	Not applicable.
Viscosity:	Not applicable.
pH:	Neutral.
Solubility in/miscibility with water:	Negligible.
Content of solvents:	None.
Organic solvents:	None.
Water:	None.
Content of filler:	>60% by wt.

10. Stability and Reactivity

Incompatibility with other substances:	Stable. Avoid oxidizing agents, excessive heat and humidity.
Hazardous decomposition products:	Hydrocarbons, oxides of sulfur.

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. Ecological Information

General information:	Unknown.
Classification of water endangerment:	None.

13. Disposal Considerations

Disposal consideration:	Use proper landfill disposal or incineration in accordance with local, state and federal regulations.
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14. Transport Information

Not classified as dangerous goods.

15. Regulatory Information

Classification according to EEC guidelines:	No classification necessary to actual EEC guidelines.
National Prescriptions:	Unknown.
Classification according to VbF:	Unknown.

16. Other Information

Revision Summary:	March 7, 2006 - Updated general content for clerical errors.
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