

1. Chemical Product and Contact Information

Product Name: Flow-It® ALC™ Flowable Composite
Material Safety Sheet Number: 00064
Date of Issue: 10/14/99
Revision Date: 09/16/09
Company Identification: Pentron Clinical
 1717 West Collins Ave.
 Orange, CA 92867
Phone: 800-551-0283
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Emergency Information Chemtrec: 800-424-9300
Chemtrec International: 202-483-7616

2. Composition/Information on Ingredients

Chemical characteristics: Mixture of BISGMA, EBPADMA, TEGDMA, silane, inorganic pigments, bariumborosilicate glasses, with initiators, stabilizers and UV absorber.
 *contains a small amount of aluminum oxide.
Hazardous components: None known.

Element	CAS #	Exposure Limit mg/m ³	
		OSHA PEL	ACGIH TLV
BIS-GMA	1565-94-2	N/E	N/E
EBPADMA	41637-38-1	N/E	N/E
TEGDMA	109-16-0	N/E	N/E
Inorganic Pigments	Various	N/E	N/E
Silane Treated Barium Boro-alumino Silicate Glass	N/A	N/E	N/E
Silica	69012-64-2	N/E	2R
Photo initiators	Various	N/E	N/E

3. Hazard Identification

Risk identification: None known.
Special risks for human beings and environment: None known.
Classification: Unknown. Those people known to be allergic to methacrylate resins should avoid the use of this product.

4. First Aid Measures

After skin contact: Immediately wash with soap and water, consult a physician if irritation occurs.
After eye contact: Immediately flush eyes with eyelids retracted, with plenty of water for 15 minutes. Consult an ophthalmologist if needed.
After swallowing: Consult a physician immediately. Rinse oral cavity with water and exude or expectorate. Induce vomiting. Seek fresh air.

5. Fire Fighting Measures

Extinguishing media: 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: Unknown.
Environmental precautions: Absorb with inert material. Collect in closed containers and dispose as recommended.
 Avoid skin contact, wear protective equipment.
Methods for cleaning up: Dispose according to Federal, State, and local regulations.
Additional information: Unknown.

7. Handling and Storage

Store at ambient temperature. Store away from direct sunlight, initiators, oxidizing, and/or reducing agents. Over time, spontaneous polymerization may occur.

8. Exposure Controls/Personal Protection

Additional information:	
Personal protective equipment:	Protective gloves, goggles are recommended.
General measure of protection and hygiene:	Normal hygienic measures.
Respiration:	Not necessary.
Hands:	Protective gloves.
Eyes:	OSHA approved goggles.

9. Physical and Chemical Properties

Appearance:	Form:	Viscous Gel.
	Color:	Various shades.
	Odor:	Esther-like.
Information on change in the physical state		
Melting point/melting range:		Not applicable.
Boiling point/boiling range:		Not applicable.
Flash point:		Not applicable.
Autoignition temperature:		Not applicable.
Danger of explosion:		None known.
Density:		1.7 gm/cm ³
Vapor pressure:		Unknown.
Viscosity:		Not applicable.
pH:		Not applicable.
Solubility in/miscibility with water:		None.
Content of solvents:		None.
Organic solvents:		None.
Water:		None.
Content of solids:		≥64%

10. Stability and Reactivity

Incompatibility with other substances:	Stable.
Hazardous discomposition products:	Unknown.

11. Toxicological Information

Carcinogenicity:	NTP: not listed. IARC Monographs: not listed. OSHA Regulated: not listed.
TLV:	Unknown.
Primary routes of entry:	Inhalation/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.
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14. Transport Information

Not classified as dangerous goods.

15. Regulatory Information

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

16. Other Information

The information and recommendations set forth herein (hereinafter "information") are presented in good faith and believed to be correct as of the date hereof. Pentron Clinical, however, makes no representations as to the completeness or accuracy of this information and supplies it on the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will Pentron Clinical be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information.

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