



MATERIAL SAFETY DATA SHEET

M.S.D.S. #00107
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March 3, 2006

1. Chemical Product and Contact Information

Product Name: Alert[®] Condensable Composite
Material Safety Sheet Number: 00107
Date of Issue: 10/07/97
Revision Date: 03/03/06
Company Identification: Pentron Clinical Technologies, LLC
68 North Plains Industrial Road
Wallingford, CT U.S.A. 06492
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: A mixture of dental grade functional dimethacrylates of ethoxylated bisphenol A polycarbonate resins, photoinitiator, amine accelerator, UV absorber, silane treated bariumborosilicate glass*, surface treated chopped glass fiber, silica and inorganic pigments.
* contains small amount of A1:O₃

Description: Unknown.
Hazardous components: None known.

Component	CAS #	Exposure Limit mg/m ³	
		ACGIH TLV	OSHA PEL
EBPADMA	41637-38-1	N/E	N/E
PCDMA	None	N/E	N/E
Silane Treated Barium Glass	None	N/E	N/E
Surface Treated Chopped Glass Fiber	None	N/E	N/E
Silica (amorphous)	69012-64-2	N/E	2R
Coloring Agents	Various	N/E	N/E
Polymerization Additives	Various	N/E	N/E

3. Hazard Identification

Risk identification:
Special risks for human beings and environment: People who are known to be allergic to methyl methacrylate should avoid using this product.
Classification: Unknown.

4. First Aid Measures

General information:
After skin contact: 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: Seek medical advice immediately.

5. Fire Fighting Measures

Extinguishing media: Chemical foam, carbon dioxide or dry chemical.
Protective equipment: Not required.

6. Accidental Release Measures

Personal precautions: Protective gloves and goggles.
Environmental precautions: 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: Unknown.

7. Handling and Storage

Store material at 65°F-75°F (18°C-24°C), away from direct sunlight, initiators, oxidizing, and/or reducing agents. Over time, spontaneous polymerization may occur.

8. Exposure Controls/Personal Protection

Personal protective equipment: Protective gloves, goggles are recommended.
General measure of protection and hygiene: Normal hygienic measures.
Respiration: Unknown.
Hands: Protective gloves.
Eyes: OSHA approved goggles.



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9. Physical and Chemical Properties

Appearance: Form: Resin Composite Paste
Color: Shaded
Odor: Odorless

Information on change in the physical state

Melting point/melting range:	Not Applicable.
Boiling point/boiling range:	Not Applicable.
Flash point:	Not Applicable.
Autoignation temperature:	Unknown.
Danger of explosion:	Unlikely.
Density:	2.0 g/cm ³
Vapor pressure:	Not Applicable.
Viscosity:	Not Applicable.
pH:	Not Applicable.
Solubility in/miscibility with water:	Not Applicable.
Content of solvents:	Not Applicable.
Organic solvents:	Not Applicable.
Water:	Not Applicable.
Content of solids:	≥80%

10. Stability and Reactivity

Incompatibility with other substances: Excessive heat, direct light exposure. Strong oxidizing and reducing agents.

Hazardous decomposition products:
Not Applicable.

11. Toxicological Information

Carcinogenicity: None of the components of this material are listed by IARC, NTP, OSHA, or ACIGH as carcinogens.

TLV: None.

Primary Routes of entry: Inhalation, skin, and eyes.

12. Ecological Information

General information: Unknown.

Classification of water endangerment: Unknown.

13. Disposal Considerations

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

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.

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