

MATERIAL SAFETY DATA SHEET

SECTION I - Product / Company Identification

Product Trade Name: **SELF CURE COMPOSITE RESTORATIVE MATERIAL**
Part (Item) Number: **Base:** 110-0106-001; 110-0105-001; 110-0104-001; 110-0103-001;
110-0102-001; 110-0101-001
Catalyst: 110-0206-001; 110-0205-001; 110-0204-001; 110-0203-001;
110-0202-001; 110-0201-001
Manufacturer: DENTAL TECHNOLOGIES, INC.
Address: 6901 N. HAMLIN AVENUE
City, State, Zip: LINCOLNWOOD, IL. 60712 U.S.A.
Emergency Telephone Number: (800) 424-9300 / (703) 527-3887 (Chemtrec)
Information Telephone Number: (800) 835-0885 / (847) 677-5500
Date Revised: 19-Sep-2006 Rev. 002

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components:	Concentration	CAS NO.	HAZ CODE	RISK CODE
Barium-aluminum-boro-silicates *	70 - 85 %	[65997-18-4]	Xi	R36/38
Bis-GMA	5 - 15 %	[1565-94-2]	Xn,Xi	R22/36/37/38
Blend of multifunctional methacrylates	5 - 15 %	N/E	Xn,Xi	R22/36/37/38
Peroxide Initiator (in catalyst)	< 3.0 %	N/E	Xn,Xi	R2/5/36/37/38
Tertiary Amine (in base)	< 3.0 %	[3077-12-1]	Xi	R22/36/37/38

* It is important to note that materials in the product are physically bonded into a paste form and no independent compound dust or elements exist.

SECTION III - Hazards Identification

HAZARD CLASSIFICATION Harmful

SECTION IV - First Aid Measures

Skin: Immediately wash skin with soap and water. If irritation occurs seek medical advice.
Ingestion: If swallowed do not induce vomiting. Give large quantities of water and milk. Seek medical attention.
Inhalation: Remove to fresh air. If breathing becomes difficult, contact a physician.
Eyes: Flush with plenty of water. Seek immediate medical attention by an Ophthalmologist.

SECTION V - Fire-fighting Measures.

The product is not considered to be a fire hazard. The information below are given for extinguishing a fire generated by other sources.

Suitable extinguishing media: Water, Chemical Foam, Carbon Dioxide, or Dry Chemical.
Forbidden extinguishing media: Not determined.
Special firefighting measures: None.
Unusual fire and explosion hazards: Heat can cause polymerization with rapid release of energy.
Special protection equipment: Self Contained Breathing Apparatus if toxic fumes are generated.

SECTION VI - Accidental Release Measures

Personal precautions: Follow some precautions of Section VII and personal protection in Section VIII
Environmental precautions: Keep spilled material out of sewers.
Reclaiming methods: Clean up using impervious gloves. Use paper towels or vermiculite as absorbent.
Cure material before disposing of in an approved manner.

SECTION VII - Handling and Storage

Handling: Avoid unnecessary exposure.
Storage: Room temperature.
Containers: Store in original containers.
Incompatibilities: Avoid the contact with reducing and oxidizing agents, peroxides and amines.
Other precautions: Use according to directions. Avoid contact with eyes, skin and soft tissue.

SECTION VIII - Exposure Controls / Personal Protection

General measures: Local Exhaust Ventilation: Good general ventilation should be sufficient to control airborne levels of vapors released by uncured material.
Limits: TWA: Not determined; TLV: Not determined.
Respiratory protection: Avoid prolonged or excessive breathing of vapors of uncured material.
Eye protection: Safety glasses or goggles.
Skin protection: Respect good personal hygiene practice. Avoid unnecessary exposure.
Hands protection: Impervious gloves.
Other equipment: Lab coat.

SECTION IX - Physical and Chemical Properties

Appearance:	Colored/uncolored paste	Explosion limits:	Not determined
Odor	None	Water solubility:	Insoluble
Boiling point:	Not determined	Evaporation rate:	Not determined
Flash point	Not determined		

SECTION X - Stability and Reactivity

Stability: Stable if stored as directed.
Conditions to avoid: Heat, light, aging and contamination.
Materials to avoid: Reducing and oxidizing agents, peroxides and amines.
Hazardous decomposition products: Oxides of Carbon.
Hazardous polymerization products: May occur.

SECTION XI - Toxicological Information

Ingestion: Uncured material may be harmful or fatal if swallowed.
Eye contact: May cause irritation and damage if not removed promptly.
Skin contact: Prolonged or repeated exposure to uncured material may cause irritation or skin rash.
Inhalation: Prolonged or excessive inhalation may cause respiratory tract irritation.
Prolonged exposure: Not established.

SECTION XII - Ecological Information

There is no specific information on the product. Use according to good working practice.
Avoid releasing the product into environment.

SECTION XIII - Disposal Considerations

Unpolymerized (uncured) material may be hazardous waste. Incinerate uncured material and dispose in accordance with local regulations.

SECTION XIV - Transport Information

Additional Information: Not dangerous cargo.

SECTION XV - Regulatory Information

CLASSIFICATION IN ACCORDANCE WITH EEC DIRECTIVES.

Hazard Classification Symbol:	Xn	Harmful
Risk statements	R22	Harmful if swallowed.
	R36-38	Irritating to eyes, respiratory system and skin.
Safety Statements	S15	Keep away from heat
	S37	Wear suitable gloves
	S49	Keep only in the original container

Ingredients determining the label: Blend of multifunctional methacrylates.

SECTION XVI - Other Information

	NFPA Hazard Classification	HMIS Hazard Classification
Health	1	1
Flammability	0	0
Reactivity	1	1
Specific Hazard / PPE		PPE - gloves

NFPA - National Fire Protection Association
N/A - Not Applicable
N/E - Not Established

CAUTION: PRODUCT FOR PROFESSIONAL USE ONLY.

The above information is based on presently available data and to our best knowledge for handling the product under normal conditions. Any use of this product in any way not indicated on this document or using it together with any other process/procedure will be exclusively under the user's responsibility.