

MATERIAL SAFETY DATA SHEET

SECTION I - Product/ Company Identification

Product Trade Name: **SELF CURE BONDING RESIN**
Part (Item) Number(s): 200-0000-001; 200-0101-001; 200-0102-001; 200-0201-001;
200-0202-001
Division Name: 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: 22-Nov-2006 Rev. 003

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components:	Concentration	CAS NO.	Hazard Code	R
Bis GMA	15 - 25 %	[1585-04-2]	Xi, Xn	R36/37/38/22
Diurethane Dimethacrylate	5 - 10 %	[109-16-0]	Xi, Xn	R36/37/38/22
Benzoyl Peroxide	0.4 - 1 %	[94-36-0]	Xi, Xn	R2/5/36/37/38
Hydroxyethyl Methacrylate	2 - 10 %	[000868-77-9]	Xi	R36/37/38/22
N,N-bis(2-Hydroxyethyl)-p-Toluidine	0-2 %	[3077-12-1]	Xi	R21/22/46/36

SECTION III - Hazards Identification

HAZARD CLASSIFICATION Harmfull if swallowed

SECTION IV - First Aid Measures

Skin: Wash contaminated skin with soap and water. If irritation persists consult a physician.
Ingestion: Do not induce vomiting, seek medical attention.
Eyes: Flush with plenty of water for 15 minutes. Seek medical attention by an Ophthalmologist.
Inhalation: Not an inhalation hazard

SECTION V - Fire-fighting Measures.

Suitable extinguishing Media: Chemical Foam, Carbon Dioxide, or Dry Chemical
Forbidden estinguish Media: None
Special Exposure Hazards: None. Wear self contained breathing equipment
Unusual fire and explosion hazards: Heat can initiate exothermic polymerization.
Special Protection Equipment: None

SECTION VI - Accidental release measures

Personal Precautions: See sections VII and VIII
Environmental Precautions: Do not dump in sewer any spilled material.
Methods for Cleaning up: Clean up using impervious gloves and dispose of in an approved manner. Use paper towels or vermiculite as absorbent and dispose according to local regulations.

SECTION VII - Handling and Storage

Handling: Avoid unnecessary exposure.
Storage: Room temperature, dry place. Keep away from sources of ignition. Do not freeze.
Containers: Keep in original containers.

Incompatibilities: Peroxides, Amines, Oxidizing or Reducing Agents.
Other Precautions: Use according to directions. Avoid contact with eyes, skin and soft tissue.

SECTION VIII - Exposure Controls / Personal Protection.

General Measures: Ventilation: good general ventilation
Exposure Limits: TWA: not determined; PEL not determined
Respiratory protection: Avoid prolonged breathing vapors of the uncured material
Hands Protection: Impervious Gloves
Eye Protection: Safety Glasses or Goggles.
Skin Protection: Respect good personal hygiene practice. Avoid unnecessary exposure.
Other Equipment: Lab Coat.

SECTION IX - Physical and Chemical Properties.

Appearance:	Viscous liquids	Explosion Limits:	Not Determined
Color	Clear, pale	Flash Point	Not determined
Odour	Slight acrylic	Water solubility:	Insoluble
Vapor Pressure	Not Determined	Specific Gravity	1-2 g/cm ³
Boiling Point:	Not Determined	Evaporation Rate:	Not Determined

SECTION X - Stability and Reactivity.

Stability:	Stable in normal storage conditions
Conditions to avoid:	Temperatures over 40 °C and contamination
Materials to avoid:	Peroxides, Amines, Oxidizing and Reducing Agents
Hazardous Decomposition Products:	Oxides of carbon
Hazardous Polymerization Products:	Polymerization may occur releasing exothermic heat

SECTION XI - Toxicological Information.

Ingestion: May cause indigestion or may be fatal
Eye contact: May cause irritation, pain, eye burns or permanent eye damage.
Skin Contact: May cause cause irritation or rash for persons with preexisting skin sensitivity.
Inhalation: Inhalation may cause irritation of the respiratory system.
Prolonged exposure: Not determined

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.

Incinerate or dispose according to local regulations.

SECTION XIV - Transport Information.

Land Transport

DOT Hazard classification	Not listed
Substances determining Hazard:	none
UN #	N/A

Not a dangerous cargo

SEA TRANSPORT

Substances determining Hazard:	none
IMCO #	N/A
UN #	N/A
Not a dangerous cargo	

AIR TRANSPORT

ICAO/IATA Class	N/A
Substances determining Hazard:	none
Not a dangerous cargo	

SECTION XV - Regulatory Information

CLASSIFICATION IN ACCORDANCE WITH EEC DIRECTIVES.

Hazard Classification Symbol:	Xn	
	R22	Harmful if swallowed
	R36/37/38	Irritating to eyes, respiratory system and skin
	R43	May cause sensitization by skin contact
	S36	Wear protective clothing
Ingredients Determining the label:	Blend of multifunctional Methacrylate Esters Monomers	

SECTION XVI - Other Information

None.

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.