

MATERIAL SAFETY DATA SHEET

SECTION I - Product/ Company Identification

1.1 Product Trade Name: ALPHA-GLAZE™ LIGHT CURE SURFACE SEALANT
1.2 Part (Item) Number(s): 403.0100.002
1.3 Division Name: DENTAL TECHNOLOGIES, INC.
1.4 Address: 6901 N. HAMLIN AVENUE
City State Zip: LINCOLNWOOD, IL 60712 U.S.A.
1.5 Emergency Telephone Number: (800) 424-9300 / (703) 527-3887 (Chemtrec)
1.6 Information Telephone Number: (800) 835-0885 / (847) 677-5500
1.7 Date Revised: 15-Jan-2013 MSDS-051 Rev. 002

SECTION II - Hazardous Ingredients/Identity Information

| Hazardous Components: | Concentration | CAS NO. | OSHA PEL | ACGIH TLV | OTHER LIMITS |
|--|---------------|-----------|----------|-----------|--------------|
| Bis GMA | 45 - 55 % | 1565-94-2 | NE | NE | |
| Diurethane Dimethacrylate | 20 - 30 | NE | NE | NE | |
| Blend of multifunctional alkyl acrylates | 20 - 30 | NE | NE | NE | |
| Hydroxyethyl Methacrylate | 0 - 10 | 868-77-9 | NE | NE | |
| Photoinitiator | < 10 | | NE | NE | |

SECTION III - Hazards Identification

HAZARD CLASSIFICATION Harmful if swallowed

SECTION IV - First Aid Measures

Skin: Wash off with soap and water. If irritation persists consult a physician.
Ingestion: Do not induce vomiting, seek medical attention.
Eyes: Flush with plenty of water. Seek medical attention by an Ophthalmologist.
Inhalation: N/A

SECTION V - Fire-fighting Measures.

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

SECTION VI - Accidental release measures

Personal Precautions: See sections VII and VIII
Environmental Precautions: Do not dump in sewer the spilled material.
Methods for Cleaning up: Clean up using impervious gloves and dispose of in an approved manner.

SECTION VII - Handling and Storage

Handling: Avoid unnecessary exposure.
Storage: Room Temperature, dry place. Keep away from sources of ignition. Do not freeze.
Containers: Supplied by manufacturer.
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
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 |
| | | 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, Oxydizing and Reducing Agents |
| Hazardous Decomposition Products: | Carbon Oxydes |
| Hazardous Polimerization Products: | May occur |

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 preexistent skin sensitivity. |
| Inhalation: | Inhalation may cause irritation of the respiratory system. |
| Prolonged exposure: | N/A |

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.

Additional Information: Not dangerous cargo.

SECTION XV - Regulatory Information

CLASSIFICATION IN ACCORDANCE WITH EEC DIRECTIVES.

| | | |
|------------------------------------|-----------|---|
| Hazard Classification Symbol: | Xi | |
| | R22 | Harmful if swallowed |
| | R36/37/38 | Irritating to eyes, respiratory system and skin |
| | S36 | Wear protective clothing |
| Ingredients Determining the label: | | 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.