

MATERIAL SAFETY DATA SHEET

SECTION I - Product/ Company Identification

1.1 Product Trade Name:	PIT & FISSURE LIGHT CURING SEALANT
1.2 Part (Item) Number(s):	401-0101-001; 401-0301-001
1.3 Manufacturer:	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:	20-Apr-2006 Rev. 002

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components:	CAS NO.	OSHA PEL	ACGIH TLV	OTHER LIMITS
Bisphenol diglycidylmethacrylate (Bis-GMA)	[1565-94-2]	N/E	N/E	
Blend of multifunctional methacrylates	N/E	N/E	N/E	
Inert filler	N/E	N/E	N/E	
Photoinitiator	N/E	N/E	N/E	

SECTION III - Physical/Chemical Characteristics

3.1 Boiling point:	N/E
3.2 Vapor pressure:	N/A
3.3 Vapor density:	N/A
3.4 Solubility in water:	Insoluble
3.5 Appearance and odor:	Clear, tinted or opaque liquid. Slight acrylic odor.
3.6 Specific Gravity: (H ₂ O = 1)	>1
3.7 Melting Point:	N/A
3.8 Evaporation rate: (Butyl Acetate = 1)	N/A

SECTION IV - Fire and Explosion Hazard Data

4.1 Flash point (method used):	N/E
4.2 Flammability (explosive limits):	N/E
	LEL: N/E UEL: N/E
4.3 Extinguishing media:	Chemical foam, carbon dioxide or dry chemical.
4.4 Special Fire Fighting Procedures:	None
4.5 Unusual fire and explosion hazards:	None known

SECTION V - Reactivity Data

5.1 Stability:	Unstable:	Stable:	X
5.2 Conditions to avoid (stability):	Temperatures above 24C/77F, sunlight or high intensity light (greater than 10,000 lux).		
5.3 Incompatibility (material(s) to avoid):	Peroxides; strong oxidizing agents.		
5.4 Hazardous decompositions or byproducts:	N/A		
5.5 Hazardous polymerization:	May occur:	Will not occur:	X

SECTION VI - Health Hazard Data

6.1 Route(s) of entry:	Inhalation?: No	Skin?: Yes
	Ingestion?: Yes	
6.2 Health hazards (acute and chronic):	Itching, redness, or burning sensation on skin may occur for susceptible allergic persons or overexposed persons. Severe eye irritation.	
6.3 Carcinogenicity:	NTP?: N/A	IARC monographs?: N/A
	OSHA Regulated?:	N/A
6.4 Signs and symptoms of exposure:	N/A	

- 6.5 **Medical conditions generally aggravated by exposure:** N/A
- 6.6 **Emergency first aid procedures:**
- Skin:** Wash off with soap and water. If irritation persists consult a physician.
 - Ingestion:** Do not induce vomiting, seek medical attention.
 - Inhalation:** N/A
 - Eye Contact:** Flush promptly with plenty of water, seek medical attention.

SECTION VII - Precautions for Safe Handling and Use

- 7.1 **Steps to be taken in case material is released or spilled:** Clean up using gloves, wiping with paper towels. Dispose in an approved manner.
- 7.2 **Waste disposal methods:** Dispose of according to local, state, and federal regulations.
- 7.3 **Precautions to be taken in handling and storage:** Store 10C/50F to 24C/75F. Do not freeze. Bring to room temperature before using (22C/72F).
- 7.4 **Other precautions:** Do not take internally. Wash hands after use.

SECTION VIII - Control Measures

- 8.1 **Respiratory protection:** Generally not necessary.
- 8.2 **Ventilation:** Local exhaust recommended.
- 8.3 **Protective gloves:** Recommended.
- 8.4 **Eye protection:** Recommended.
- 8.5 **Other protective clothing or equipment:** None
- 8.6 **Work/Hygienic practices:** Normal safe practices. Use only in a highly professional manner.
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NFPA HAZARD CLASSIFICATIONS	
Health	1
Flammability	0
Reactivity	1
Specific Hazard	N/A

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