

# MATERIAL SAFETY DATA SHEET

## SECTION I - Product/ Company Identification

Product trade name: **LIGHT-CURE FILLED PIT & FISSURE SEALANT**  
Part (item) number: 401-0400-002, 401-0103-002, 401-0500-002, 401-0303-002.  
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  
Revision date: 3/3/2010 MSDS-059 Rev 001

## SECTION II - Hazardous Ingredients/Identity Information

HAZARDOUS COMPONENTS	%	CAS NO.	SYMBOL	R	OTHER LIMITS
mixture of methacrylate resins	50	109-16-0, 72869-86-4, 41637-38-1	Xi	36/37/38-43	SARA: No, TSCA: Yes

## SECTION III - Hazards Identification

HAZARD CLASSIFICATION: Irritant  
Irritating to eyes, respiratory system and skin. May cause sensitization by skin contact.

## SECTION IV - First Aid Measures

Oral exposure: If swallowed, wash out mouth with water. Call a physician.  
Inhalation exposure: If inhaled, remove to fresh air.  
Dermal exposure: In case of contact, immediately wash skin with soap and copious amount of water.  
Eye exposure: In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.  
Call a physician.

## SECTION V - Fire-Fighting Measures

### EXTINGUISHING MEDIA

Suitable: Water spray, carbon dioxide, dry chemical powder or appropriate foam.

### FIREFIGHTING

Protective equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.  
Specific hazard(s): Emits toxic fumes under fire conditions.  
Specific method(s): Use water spray to cool fire-exposed containers with product.

## SECTION VI - Accidental Release Measures

Personal precaution(s): Wear gloves, safety glasses, protective clothing.  
Environmental precaution(s): Keep spilled material out of sewers.  
Cleaning up method(s): Ventilate area and wipe spill site with isopropyl alcohol or acetone after material pickup is complete.

## SECTION VII - Handling and Storage

Handling: Keep away from heat. Do not breath vapor. Do not get in eyes, on skin or clothing. Avoid prolonged or repeated exposure.  
Storage: Do not store in direct sunlight. Store at room temperature in a dry place. Keep container tightly closed when not in use. Store in containers supplied by manufacturer.  
Other precautions: Use according to directions. Avoid contact with eyes, skin and soft tissue.

## SECTION VIII - Exposure Controls / Personal Protection

General hygiene measures: Wash hands thoroughly after handling. Wash contaminated clothing before reuse.  
Personal protective equipment: Wear safety glasses and chemical-resistant gloves.

## SECTION IX - Physical and Chemical Properties

Appearance: Low viscosity resin  
Color: Opaque white with slight yellow tint or colorless to slightly milky

Odor:	Slight acrylic	
pH:	N/A	
Boiling point range:	N/A	
Melting point range:	N/A	
Freezing point:	N/A	
Flash point [base] (closed cup):	N/A	
Specific gravity:	1.63	
Water solubility:	Not soluble	N/A = Not available

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**SECTION X - Stability and Reactivity**

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Stability:	Stable under normal conditions.
Conditions to avoid:	Exposure to light and elevated temperatures and regular light.
Materials to avoid:	Strong oxidizing agents, strong bases.
Hazardous decomposition products:	Carbon monoxide and carbon dioxide.
Hazardous polymerization:	May occur.

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**SECTION XI - Toxicological Information**

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ROUTE OF EXPOSURE

Skin contact:	May cause skin irritation.
Skin absorption:	May be harmful if absorbed through the skin.
Eye contact:	May cause eye irritation.
Inhalation:	May cause irritation to mucous membranes and upper respiratory tract.
Ingestion:	May be harmful if swallowed.

SENSITIZATION

Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.

SIGNS AND SYMPTOMS OF EXPOSURE

Burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea and vomiting.

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**SECTION XII - Ecological Information**

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No information available.

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**SECTION XIII - Disposal Considerations**

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Dispose of in accordance with federal, state and local regulations.

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**SECTION XIV - Transport Information**

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DOT Classification:	Not a DOT controlled material. This material is considered to be non-hazardous for transport.
IATA Classification:	Not a IATA controlled material. This material is considered to be non-hazardous for air transport.

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**SECTION XV - Regulatory Information**

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EU DIRECTIVES CLASSIFICATION

Symbol of danger:	Xi
Indication of danger:	Irritant
R:	36/37/38-43
Risk statements:	Irritating to eyes, respiratory system and skin. May cause sensitization by skin contact.
S:	26-36
Safety statements:	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.

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**SECTION XVI - Other Information**

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DISCLAIMER

For professional use only. Not for household or other uses.

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.