

# MATERIAL SAFETY DATA SHEET

## SECTION I - Product/ Company Identification

**1.1 Product Trade Name:** CERAMICURE L/C FLOWABLE REPAIR MATERIALS  
**1.2 Part (Item) Number(s):** 125-0000 to 125-9900  
**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 (Chemtrec)  
**1.6 Information Telephone Number:** (800) 835-0885 / (847) 677-5500  
**1.7 Date Revised:** 06/24/04

## 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	
Barium-aluminum-boro-silica glass	[65997-18-4]	N/E	N/E	
Photoinitiators	N/E	N/E	N/E	

## SECTION III - Physical/Chemical Characteristics

**3.1 Boiling point:** N/A  
**3.2 Vapor pressure:** N/A  
**3.3 Vapor density:** N/A  
**3.4 Solubility in water:** Insoluble  
**3.5 Appearance and odor:** Viscous paste, with faint acrylic odor  
**3.6 Specific Gravity:** (H<sub>2</sub>O = 1) N/A  
**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/A  
**4.2 Flammability (explosive limits):** N/A  
**LEL:** N/A      **UEL:** N/A  
**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 27C/80F, direct sunlight, or high intensity light (greater than 1000 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?:** N/A      **Skin?:** Yes  
**Ingestion?:** Yes  
**6.2 Health hazards (acute and chronic):** Skin irritation may occur for some people with pre-existing skin sensitivity. Uncured resins may cause eye irritation.  
**6.3 Carcinogenicity:** **NTP?:** N/A      **IARC monographs?:** N/A  
**OSHA Regulated?:** N/A  
**6.4 Signs and symptoms of exposure:** Itching, redness, burning sensation on skin of sensitive persons. Severe eye irritation.

6.5 Medical conditions generally aggravated by exposure:

Allergic or pre-existing skin sensitivity may be aggravated.

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 eyes with plenty of water, seek medical attention.

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**SECTION VII - Precautions for Safe Handling and Use**

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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.

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**SECTION VIII - Control Measures**

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8.1 Respiratory protection: Generally not necessary.

8.2 Ventilation: **Local Exhaust:** Recommended.

**Mechanical:** Normal ventilation

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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NEPA 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