

# SAFETY DATA SHEET

**ULTRADENT<sup>®</sup>**  
PRODUCTS, INC.

Date Issued: 04/14/2006  
MSDS No: 45-001.4  
Date-Revised: 10/16/2007  
Revision No: 3

## PermaFlo® DC Base

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**PRODUCT NAME:** PermaFlo® DC Base

**PRODUCT DESCRIPTION:** Dual Cure Composite Luting / Restorative Resin

**MANUFACTURER**

Ultradent Products, Inc.  
505 W. 10200 S.  
South Jordan UT 84095

**24 HR. EMERGENCY TELEPHONE NUMBERS**

**CHEMTREC (NORTH AMERICA) :**(800) 424 - 9300  
**(INTERNATIONAL) :**+1(703) 527 - 3887

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	EINECS	Classification	Content
Triethylene Glycol Dimethacrylate	109-16-0	203-652-6	Xi; R36/37/38	20.6
Bis GMA	001565-94-2	216-367-7	Xi; R36/37/38	10.3

( Full text of R-Phrases can be found under heading 16 )

### 3. HAZARDS IDENTIFICATION

**HAZARD DESIGNATION**

"Xi" - Irritant

### 4. FIRST AID MEASURES

**EYES:** Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

### 5. FIRE FIGHTING MEASURES

**FIRE FIGHTING PROCEDURES:** General: Evacuate all personnel; use protective equipment for fire-fighting. Use self-contained breathing apparatus when the product is involved in fire.

**FIRE FIGHTING EQUIPMENT:** Foam, dry chemical, carbon dioxide (CO<sub>2</sub>)

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Wipe up small amounts with chemical resistant or damp rag which is washed with large amounts of water after

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each use. After cleaning, flush away traces with water.

**LARGE SPILL:** Absorb with inert, damp non-combustible material, then flush area with water.

### 7. HANDLING AND STORAGE

**HANDLING:** Keep away from sources of ignition and direct sunlight.

**STORAGE:** Keep refrigerated.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear eye protection.

**SKIN:** S36/37: Wear suitable protective clothing and gloves.

**RESPIRATORY:** S38: In case of insufficient ventilation, wear suitable respiratory equipment.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Viscous substance

**ODOR:** Acrylic

**COLOR:** Shade dependent.

### 10. STABILITY AND REACTIVITY

**STABLE:** Yes

**HAZARDOUS POLYMERIZATION:** No

**STABILITY:** Stable when stored and handled under recommended conditions.

**POLYMERIZATION:** Polymerization occurs when exposed to visible light, ultraviolet light or extreme heat.

### 11. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:** May be mildly irritating to eyes.

**SKIN EFFECTS:** May cause slight irritation.

### 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** No data available. Contact Env. Dept.

### 13. DISPOSAL CONSIDERATIONS

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**DISPOSAL METHOD:** Dispose of in compliance with governmental regulation (EC 1975L0442-20/11/2003)

### 14. TRANSPORT INFORMATION

#### ROAD AND RAIL (ADR/RID)

**LABEL:** Not classified

#### AIR (ICAO/IATA)

**LABEL:** Not classified

#### VESSEL (IMO/IMDG)

**LABEL:** Not classified

### 15. REGULATORY INFORMATION

#### EUROPEAN COMMUNITY

##### EEC LABEL SYMBOL AND CLASSIFICATION



"Xi" - Irritant

S3/7/9: Keep container tightly closed in a cool, well ventilated place

### 16. OTHER INFORMATION

**RELEVANT R-PHRASES:**R36/37/38: Irritating to eyes, respiratory system and skin.

**PREPARED BY:** Iris McCallister

**REVISION SUMMARY:** Revision #: 3 This MSDS replaces the February 12, 2007 MSDS. Any changes in information are as follows: In Section 1 MSDS Number CHEMTREC MSDS In Section 14 DOT Primary Hazard Class/Division DOT Packing Group Labels TDG Primary Hazard Class/Division TDG Packing Group IMO Label ADR/RID Hazard Class AIR Label IMO Primary Hazard Class/Division IMO Packing Group AIR Primary Hazard Class/Division AIR Packing Group TDG Label ADRLABEL Not Found ADRPACKGP Not Found

**MANUFACTURER DISCLAIMER:** FOR DENTAL USE ONLY: Use as directed.

The information and recommendations are taken from sources (raw material MSDS(s) and manufacturer's knowledge) believed to be accurate; however, Ultradent Products, Inc., makes no warranty with respect to the accuracy of the information or the suitability of the recommendation and assumes no liability to any user thereof. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.