

# SAFETY DATA SHEET

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

Date Issued: 02/27/2006  
MSDS No: 30-001.3  
Date-Revised: 02/12/2007  
Revision No: 2

## Ultradent<sup>®</sup> LC Block-Out Resin

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

**PRODUCT NAME:** Ultradent<sup>®</sup> LC Block-Out Resin

**PRODUCT DESCRIPTION:** Light Cure Laboratory Block-out and model 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) :**(703) 527 - 3887

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	EINECS	Classification	Content
Diurethane Dimethacrylate	41137-60-4	255-239-5	Xi; R36 R37 R38	74
Triethylene Glycol Dimethacrylate	109-16-0	203-652-6	Xi; R36/37/38	16

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

### 3. HAZARDS IDENTIFICATION

**HAZARD DESIGNATION**

"Xi" - Irritant  
R36/38: Irritating to eyes and skin.

**EMERGENCY OVERVIEW**

**PHYSICAL APPEARANCE:** Dark Blue Gel

**POTENTIAL HEALTH EFFECTS**

**EYES:** Contact causes severe eye irritation.  
**SKIN:** May cause skin irritation. Allergic reactions are possible.

### 4. FIRST AID MEASURES

**EYES:** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.

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

**INGESTION:** If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**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

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**FIRE FIGHTING PROCEDURES:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

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

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Wipe up with dry cloth and alcohol.

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

### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Stable when stored and handled under recommended conditions.

**HANDLING:** Use suitable protective equipment.

**STORAGE:** Store in a cool dry place.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### PERSONAL PROTECTIVE EQUIPMENT

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

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

**RESPIRATORY:** S51: Use only in well-ventilated areas.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Gel

**ODOR:** Acrylic

**COLOR:** Dark Blue Gel

### 10. STABILITY AND REACTIVITY

**STABILITY:** Sensitive to light.

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

**CONDITIONS TO AVOID:** Oxidizing materials.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Dioxide

### 11. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:** Severe eye irritation

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**SKIN EFFECTS:** Mildly to moderately irritating.

### 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Not defined

**ECOTOXICOLOGICAL INFORMATION:** No data available. Contact Env. Dept.

### 13. DISPOSAL CONSIDERATIONS

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

### 14. TRANSPORT INFORMATION

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

**HAZARD CLASS:** 9

**PACKING GROUP:** III

#### AIR (ICAO/IATA)

**PRIMARY HAZARD CLASS/DIVISION:** 9

**PACKING GROUP:** III

#### VESSEL (IMO/IMDG)

**PRIMARY HAZARD CLASS/DIVISION:** 9

**PACKING GROUP:** III

### 15. REGULATORY INFORMATION

#### EUROPEAN COMMUNITY

##### EEC LABEL SYMBOL AND CLASSIFICATION



"Xi" - Irritant  
R36/38: Irritating to eyes and skin.

**EUROPEAN COMMUNITY REGULATORY:** Not regulated.

### 16. OTHER INFORMATION

#### RELEVANT R-PHRASES:

R36/37/38: Irritating to eyes, respiratory system and skin.

**PREPARED BY:** Iris McCallister

**REVISION SUMMARY:** Revision #: 2 This MSDS replaces the December 13, 2006 MSDS. Any changes in information are as follows: In Section 1 MSDS Number

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