

SAFETY DATA SHEET



Date Issued : 2/27/2006
MSDS No : 30-001.6
Date-Revised : 9/27/2012
Revision No : 6

Ultradent® LC Block-Out Resin

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

PRODUCT NAME: Ultradent® LC Block-Out Resin

PRODUCT DESCRIPTION: Light cure laboratory block out and model resin

PRODUCT CODE/ PART #: BO/10318

MANUFACTURER

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

24 HR. EMERGENCY TELEPHONE NUMBERS

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	EINECS	Classification	Wt. %
Diurethane Dimethacrylate	72869-86-4	276-957-5	Xi; R36/37/38	< 80
2-dimethylaminoethyl Methacrylate	2867-47-2	220-688-8	Xi; R22, R36/37/38, R43	< 1
Triethylene Glycol Dimethacrylate	109-16-0	203-652-6	Xi; R43	< 17
Cobalt aluminate blue spinel	1345-16-0	310-193-6	R36/37/38, R22	< 1
Cobalt zinc aluminate blue spinel	68186-87-8	269-049-5	R36/37/38, R22	< 1

(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 and sensitization.

INGESTION: None Expected.

INHALATION: None Expected.

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.

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

INGESTION: If swallowed: Immediately call a Poison Center or Doctor/Physician.

INHALATION: No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

5. FIRE FIGHTING MEASURES

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 (CO₂).

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: Room Temperature

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear eye protection

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

RESPIRATORY: Not needed for normal use.

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: Contact causes severe eye irritation.

SKIN EFFECTS: May cause skin irritation and sensitization.

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12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Not defined

ECOTOXICOLOGICAL INFORMATION: No data available.

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)

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
R36/38: Irritating to eyes and skin.

INTERNATIONAL REGULATIONS: Not Regulated

COMMENTS IARC has identified cobalt and cobalt compounds as "possibly carcinogenic" as a group, however IARC did not specifically identify the cobalt compound in this product as a possible carcinogen.

OSHA- Select Carcinogens: Present

16. OTHER INFORMATION

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

R22: Harmful if swallowed.

R43: May cause sensitization by skin contact.

PREPARED BY: Susan Scott

REVISION SUMMARY: This MSDS replaces the 11/11/2010 MSDS. Revised: **Section 1:** PRODUCT CODE/ PART #. **Section 2:** POTENTIAL HEALTH EFFECTS (INHALATION, INGESTION). **Section 3:** Wt.%. **Section 4:** INGESTION, INHALATION. **Section 7:** STORAGE. **Section 8:** PERSONAL PROTECTIVE EQUIPMENT - RESPIRATORY. **Section 11:** EYE EFFECTS, SKIN EFFECTS. **Section 15:** COMMENTS.

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, the manufacturer 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.

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