

SAFETY DATA SHEET



Date Issued : 8/14/2012
MSDS No : 2-001.7
Date-Revised : 9/5/2012
Revision No : 10

OpalDam®

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

PRODUCT NAME: OpalDam®

PRODUCT DESCRIPTION: Light cured resin barrier

PRODUCT CODE/ PART #: DM/32103

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	Wt. %
Diurethane Dimethacrylate	72869-86-4	276-957-5	Xi; R36/37/38	75 - 85
Cetyl Alcohol	36653-82-4	253-149-0	Xi; R36/37/38	10 - 15
Titanium Dioxide	13463-67-7	236-675-5	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: Whitish Viscous substance

POTENTIAL HEALTH EFFECTS

EYES: Irritating to eyes.

SKIN: Causes skin irritation.

INGESTION: IF SWALLOWED DO NOT INDUCE VOMITING - SEEK MEDICAL ADVICE. Immediately rinse mouth and provide fresh air.

INHALATION: None expected for this product.

4. FIRST AID MEASURES

EYES: Flush eye with water for 15 minutes. Get medical attention.

SKIN: Wash with soap and water.

INGESTION: If swallowed, Do Not Induce Vomiting- Seek Medical Attention.

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.

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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: Water spray, fog, or mist, foam, dry chemical, carbon dioxide(CO₂)

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

LARGE SPILL:

Solidify unexposed surplus and dispose of together with processed material as cured plastic waste

GENERAL PROCEDURES: Spills and releases may have to be reported to Federal and/or local authorities.

7. HANDLING AND STORAGE

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

STORAGE: Refrigerate if not used on daily basis.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear eye protection

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

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Viscous substance

ODOR: Almond.

COLOR: Whitish

PHYSICAL STATE COMMENTS: Insoluble in water; partially soluble in organic solvents

10. STABILITY AND REACTIVITY

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

CONDITIONS TO AVOID: Strong oxidizing agents

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Irritating to eyes.

SKIN EFFECTS: Causes skin irritation.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Biodegradability - Not established

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

R36/38: Irritating to eyes and skin.

COMMENTS WARNING! This product contains a chemical known to the State of California to cause cancer on the CA Prop 65 List. Titanium Dioxide.

16. OTHER INFORMATION

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

R22: Harmful if swallowed.

PREPARED BY: Anu Kattoju

REVISION SUMMARY: This MSDS replaces the 9/27/2007 MSDS. Revised: **Section 1:** Date Issued, PREPARED BY, PRODUCT CODE/ PART #. **Section 2:** POTENTIAL HEALTH EFFECTS (SKIN, INHALATION). **Section 3:** . **Section 7:** STORAGE. **Section 11:** EYE EFFECTS, SENSITIZATION, SKIN EFFECTS. **Section 14:** AIR (ICAO/IATA) (NOTE). **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.