

# SAFETY DATA SHEET



Date Issued: 04/09/2009  
MSDS No: 266-001.1  
Date-Revised: 04/09/2009  
Revision No: 3

## Opal Bond MV

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

**PRODUCT NAME:** Opal Bond MV  
**PRODUCT DESCRIPTION:** Bonding adhesive  
**PRODUCT CODE:** OV

#### MANUFACTURER

Opal® Orthodontics  
505 W 10200 S  
South Jordan UT 84095  
**Product Stewardship:** 888-863-5883

#### 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
Ethyl alcohol	000064-17-5	200-578-6	F+; R11	17
2-hydroxyethyl Methacrylate	000868-77-9	212-782-2	Xi; R43	16

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

### 3. HAZARDS IDENTIFICATION

#### HAZARD DESIGNATION

"F" - Highly flammable  
R10: Flammable.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Can cause severe eye irritation.  
**SKIN:** May cause skin irritation.

### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

**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. If breathing is difficult, give oxygen. Get medical attention.

### 5. FIRE FIGHTING MEASURES

**FIRE FIGHTING PROCEDURES:** General: Evacuate all personnel; use protective equipment for fire-fighting. Use self-contained

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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:** Absorb liquid and place in sealed container for disposal. Vapors can travel to an ignition source.

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

### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Do not allow to enter sewers or drains that may lead to waterways.

## 7. HANDLING AND STORAGE

**HANDLING:** Keep away from heat, sparks and flame.

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Paste

**ODOR:** Odorless or no characteristic odor

**APPEARANCE:** Clear, slightly yellow tint

## 10. STABILITY AND REACTIVITY

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

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

**CONDITIONS TO AVOID:** Avoid light exposure.

## 11. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:** May cause serious damage.

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

### 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Stable when stored and handled under recommended conditions.

### 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)

**PROPER SHIPPING NAME:** Alcohols, n.o.s. (Ethyl alcohol mixture)

**HAZARD CLASS:** 3

**PACKING GROUP:** III

#### AIR (ICAO/IATA)

**SHIPPING NAME:** Alcohols, n.o.s. (Ethyl alcohol mixture)

**UN/NA NUMBER:** 1987

**PRIMARY HAZARD CLASS/DIVISION:** 3

**PACKING GROUP:** III

#### VESSEL (IMO/IMDG)

**SHIPPING NAME:** Alcohols, n.o.s. (Ethyl alcohol mixture)

**UN/NA NUMBER:** 1987

**PRIMARY HAZARD CLASS/DIVISION:** 3

**PACKING GROUP:** III

**LIMITED QUANTITY:** 10 L

### 15. REGULATORY INFORMATION

#### EUROPEAN COMMUNITY

##### EEC LABEL SYMBOL AND CLASSIFICATION



"F" - Highly flammable  
R10: Flammable.

### 16. OTHER INFORMATION

#### RELEVANT R-PHRASES:

R43: May cause sensitization by skin contact.

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**PREPARED BY:** Susan Scott

**REVISION SUMMARY:** Revision #: 3. This MSDS replaces the April 09, 2009 MSDS. Any changes in information are as follows: In Section 1: MSDS Number

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