

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

075897244

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

075897236

Pulpdent Corporation  
Manufacturer MSDS Number: NFPA

0  
0 1

HMIS

HEALTH0  
FIRE0  
REACTIVITY1  
PPE

Patterson Dental Supply Product Code:

75896469, 75896477, 75897103, 75897202, 75897210, 75896444, 75896451, 75897228, 75896808, 75896816, 75896824, 75896832, 75896840, 75896857, 75896865, 75897111, 75897129, 75897137, 75897145, 75897152

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SECTION 1 : Chemical Product and Company Identification  
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MSDS Name: Embrace Wetbond Pit And Fissure Sealant

Manufacturer Name: Pulpdent Corporation

Address:

80 Oakland Street  
Watertown, MA 02472 USA

Phone Numbers:

24 Hr. Emergency: 1-800-535-5053

Product Description:

Chemical Description: Light-cured, glass-filled resin (No Bisphenol A)

Customer Service Phone: 1-800-343-4342/1-617-926-6666

Manufacturer MSDS Revision Date:

April 4, 2003

Trade Names:

Embrace Wetbond Pit and Fissure Sealant

NFPA

Health: 0  
Flammability: 0  
Reactivity: 1  
Other:

HMIS

Health Hazard: 0  
Fire Hazard: 0  
Reactivity: 1  
Personal Protection:

General Use:

Dental material

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SECTION 2 : Hazardous Ingredients/Identity Information

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Chemical Name  
Methacrylate resins  
OSHA PEL TWA: Not established  
ACGIH TLV TWA: Not established

DOT Hazard Classification: Not required

WHMIS Classification: D-2 possible irritant

NFPA & HMIS Rating:  
Health: 0  
Flammability: 0  
Reactivity: 1

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SECTION 3 : Physical And Chemical Characteristics  
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Physical State/Appearance:  
Thin paste.  
Odor:  
Faint characteristic odor.  
Vapor Pressure:  
< 1 mm Hg  
Vapor Density:  
1  
Solubility:  
In water: Nil  
Specific Gravity:  
1.575  
Evaporation Point:  
Not applicable  
Odor Threshold:  
Not applicable  
FlashPoint:  
Not established

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SECTION 4 : Fire And Explosion Hazards  
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Fire:  
Flammable limits: Not established  
Flash Point:  
Not established  
Extinguishing Media:  
Carbon dioxide, dry chemical, alcohol foam, or water fog. Water spray may be used to keep fire exposed containers cool.  
Hazardous Combustion Byproducts:  
Hazardous polymerization with heat build up and release of carbon monoxide, carbon dioxide and oxides of nitrogen may occur under fire conditions.  
Fire Fighting Instructions:  
A self-contained breathing apparatus should be worn by fire fighting personnel. Cool exposed containers with water spray to prevent polymerization under fire conditions.

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SECTION 5 : Health Hazards



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Methacrylate resins:

Route of Exposure:

Inhalation, Eye Contact, Skin Absorption, Skin Contact, Ingestion

Potential Health Effects:

Summary Of Acute Hazards: Moderate health hazard in these quantities. May be irritating to eyes, mucous membranes or skin.

Chronic Health Effects:

Summary: None known.

Carcinogenicity:

None known

Teratogens Information:

None known.

Mutagens Information:

None known.

Reproductive Toxin Information:

None known.

Signs/Symptoms:

Inhalation: May be irritating to mucous membranes

Eye Contact: May be irritating

Skin Absorption: Not applicable

Skin Contact: Primary route of exposure. May be irritating Ingestion: May be irritating to mucous membranes.

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## SECTION 6 : Emergency And First Aid Procedures

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Eye Contact:

Flush eyes with copious amount of water for at least 15 minutes. Seek medical attention.

Skin Contact:

Wash skin with soap and water for 15 minutes.

Inhalation:

Move to fresh air. Administer artificial respiration if required, and seek medical attention.

Ingestion:

Consult physician immediately.

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## SECTION 7 : Reactivity Data

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Chemical Stability:

Stable

Conditions to Avoid:

Heat (> 100 deg F), light, especially direct sunlight.

Incompatibilities with Other Materials:

Reducing and oxidizing agents.

Hazardous Polymerization:

None under normal conditions of use.

Conditions to Avoid: Heat (> 100 deg F), intense light.

Hazardous Decomposition Products:

Carbon monoxide, carbon dioxide, oxides of nitrogen.

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## SECTION 8 : Precautions For Safe Handling

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### Spill Cleanup Measures:

Absorb/wipe up spill with suitable material; collect for disposal.

### Other Precautions:

None

### Handling:

Avoid temperatures extremes, light and moisture.

### Hygiene Practices:

Wash hands after use.

### Waste Disposal:

Follow all government regulations.

DOT Hazard Class: Not required

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## SECTION 9 : Control Measures

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### Ventilation System:

No special ventilation recommended under anticipated conditions of normal use.

### Hand Protection Description:

Protective Gloves: Recommended

### Eye/Face Protection:

Safety glasses or goggles are recommended.

### Respiratory Protection:

None required.

### Other Protective:

Emergency eye wash fountain.

### Other:

Work/Hygienic Practices: Wash hands after use.

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## SECTION 10 : Other Information

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### Methacrylate resins:

#### Canada WHMIS:

WHMIS Classification: D-2 possible irritant

### HMIS:

Health Hazard: 0

Fire Hazard: 0

Reactivity: 1

### NFPA:

Fire Hazard: 0

Health: 0

Reactivity: 1

### MSDS Revision Date:

April 4, 2003

### Disclaimer:

The information presented herein is believed to be factual as it has been derived from the works of persons believed to be qualified experts. However, nothing contained in this information is to be taken as a warranty or representation for which Pulpdent Corporation bears legal

responsibility. The users should review any recommendations in the specific context of the intended use to determine whether they are appropriate.

**Trade Names:**

Embrace™ WetBond™ Class V  
 Embrace™ WetBond™ First Coat  
 Embrace™ WetBond™ Opaquer  
 Embrace™ WetBond™ Pit and Fissure Sealant  
 Embrace™ WetBond™ Seal-n-Shine™  
 Embrace™ WetBond™ Resin Cement

**Codes:**

EMV, EMVA2, EMVA35, EMVB2, EMVD2  
 EMFC  
 EMOP  
 EMS, EMS3, EMSW, EMSW3  
 EMSNS, EMSNY  
 EMCA, EMCAR, EMCAR2, EMCM, EMCMR, EMCMR2

**Chemical Description:** Light-cure or dual cure, filled and unfilled resins, with no Bisphenol A.

**Product Use:** Dental materials

**SECTION I**

Pulpdent Corporation  
 80 Oakland Street  
 Watertown, MA 02472 USA  
 6666

**Phone Numbers:**  
 24 Hr. Emergency: 1-800-535-5053  
 Customer Service: 1-800-343-4342 / 1-617-926-

Date Prepared: October 1, 2003

**SECTION II - HAZARDOUS INGREDIENTS****Ingredients**

Acrylate resins

**PEL / TLV**

Not established

**DOT HAZARD CLASSIFICATION:** Not required. **WHMIS CLASSIFICATION:** D-2, possible irritant

**NFPA HMIS RATING:** HEALTH: 1

FLAMMABILITY: 0

REACTIVITY: 1

**SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS**

Solubility in water: slight

Odor Threshold: n/a

Odor: Faint, characteristic

Appearance: EMFC, EMSNS, EMSNY: Thin, clear liquid

EMOP: Opaque, thick, white paste

EMS, EMS3: Natural tooth shade thin paste

EMSW, EMSW3: Off-white thin paste

EMV, EMVA2, EMVA35, EMVB2, EMVD2: Tooth-colored paste

EMCA, EMCS: Two thin pastes, one white, one yellow

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

**Flash Point:** not established

**Flammable limits:** not established

**Extinguishing Media:** Carbon dioxide, dry chemical, alcohol foam, or water fog. Water spray may be used to keep fire exposed containers cool.

**Special Fire Fighting Procedures:** A self-contained breathing apparatus should be worn by fire fighting personnel. Cool exposed containers with water spray to prevent polymerization under fire conditions.

**Hazardous Combustion Products:** Hazardous polymerization with heat build up and release of carbon monoxide, carbon dioxide and oxides of nitrogen may occur under fire conditions.

**SECTION V - REACTIVITY DATA**

**Stability:** Stable

**Conditions to avoid:** Heat (>100°F), light, especially direct sunlight.

**Incompatibility:** Reducing and oxidizing agents.

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide, oxides of nitrogen.

**Hazardous Polymerization:** None under normal conditions of use

**Conditions to avoid:** Heat (>100°F), intense light

## **SECTION VI - HEALTH HAZARD DATA**

**Summary of Acute Hazards:** Minimal health hazard in these quantities. May be irritating to eyes, mucous membranes or skin.

### **Route of Exposure**

### **Signs & Symptoms**

Inhalation	May be irritating to mucous membranes
Eye Contact	May be irritating
Skin Absorption	None
Skin Contact	Primary route of exposure. May be irritating
Ingestion	May be irritating to mucous membranes.

**Summary of Chronic Hazards:** May be sensitizing, especially with prolonged and/or repeated exposure.

**Carcinogenicity, Teratogenicity, Mutagenicity, Reproductive Toxicity:** None known.

### **Emergency First Aid Procedures:**

Inhalation	Move to fresh air. Administer artificial respiration if required, and seek medical attention.
Eye contact	Flush with copious amounts of water for 15 minutes. Seek medical attention.
Ingestion	Consult physician immediately.
Skin contact	Wash skin with soap and water for 15 minutes.

## **SECTION VII - PRECAUTIONS FOR SAFE HANDLING & USE**

**Handling and Storage Precautions:** Avoid temperature extremes, intense light, especially direct sunlight, and moisture.

**Steps to Be Taken if Material is Released or Spilled:** Absorb / wipe up spill with suitable material, collect for disposal.

**Waste Disposal Method:** Follow all government regulations.

**Other Precautions:** None

## **SECTION VIII - CONTROL MEASURES**

**Respiratory Protection:** None required.

**Ventilation:** No special ventilation recommended under anticipated conditions of normal use.

**Protective Gloves:** Recommended.

**Eye Protection:** Safety glasses or goggles are recommended.

**Other Protective Clothing or Equipment:** Emergency eye wash fountain.

**Work/Hygienic Practices:** Wash hands after use.

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