

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

SECTION 1 : Chemical Product and Company Identification

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

SECTION 2 : Hazardous Ingredients/Identity Information

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

SECTION 3 : Physical And Chemical Characteristics

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

SECTION 4 : Fire And Explosion Hazards

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.

SECTION 5 : Health Hazards

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.

SECTION 6 : Emergency And First Aid Procedures

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.

SECTION 7 : Reactivity Data

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.

SECTION 8 : Precautions For Safe Handling

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

SECTION 9 : Control Measures

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.

SECTION 10 : Other Information

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****PEL / TLV**

Acrylate resins

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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