

**MATERIALS SAFETY DATA SHEET: *EMBRACE™ WETBOND™ PIT AND FISSURE SEALANT***

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**IDENTITY**      Trade Name:      *EMBRACE™ WETBOND™ PIT AND FISSURE SEALANT*  
Codes:      Natural shade: EMS, EMS3, EMSB.  
Off-white shade: EMSW, EMS3W, EMSWB  
Chemical Description: Light-cured, glass-filled resin (No Bisphenol A)  
Product Use:      Dental sealant

**SECTION I**

*Pulpdent Corporation*

80 Oakland Street

Watertown, MA 02472    USA

*Phone Numbers:*

24 Hour Emergency: 1-800-535-5053

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

Date Prepared: September 1, 2008

**SECTION II - HAZARDOUS INGREDIENTS**

*Ingredients*

Uncured Acrylate resins

Silica, amorphous

Sodium fluoride

*CAS Number*

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112945-52-5

7981-49-4

*PEL/TLV*

Not established

6 mg/m<sup>3</sup> / 10 mg/m<sup>3</sup>

2.5 mg/m<sup>3</sup> (as F)

DOT HAZARD CLASSIFICATION:

Not regulated

WHMIS CLASSIFICATION:

D-2 possible irritant

NFPA HMIS RATING: HEALTH: 0

FLAMMABILITY: 0

REACTIVITY: 1

**SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS**

Specific Gravity: 1.575

Vapor Pressure: <1 mm Hg

Vapor Density: 1

Evaporation Rate: Not available

Solubility in water: Nil

Odor Threshold: Not available

Appearance and Odor: Thin paste, either natural tooth shade or off-white, both with faint characteristic odor.

**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: Temperature >100°F, intense light.

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: Temperature >100°F, intense light..

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**SECTION VI - HEALTH HAZARD DATA**

Summary of Acute Hazards: Minimal health hazard under normal conditions of dental practice. May be irritating to eyes, mucous membranes or skin.

*Route of Exposure*

Inhalation

Eye Contact

Skin Absorption

Skin Contact

Ingestion

*Signs & Symptoms*

May be irritating to mucous membranes

May be irritating

Not applicable

Primary route of exposure. May be irritating

May be irritating to mucous membranes.

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

Carcinogenicity

None known

Teratogenicity

None known.

Mutagenicity

None known.

Reproductive Toxicity

None known.

*Emergency First Aid Procedures:*

Inhalation

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

Eye Contact

Flush eyes with running 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, light and moisture.

Release or Spill: 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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*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 user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.*