

MATERIAL SAFETY DATA SHEET: *Embrace™ WetBond™ Class V*

IDENTITY Trade Name: *Embrace™ WetBond™ Class V*
Codes: EMV, EMVA2, EMVA35, EMVB2, EMVD2
Chemical Description: Light-cured, fluoride releasing resin with no Bisphenol A.
Product Use: Dental material

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

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SECTION II - HAZARDOUS INGREDIENTS

<i>Ingredients</i>	<i>CAS Number</i>	<i>PEL / TLV</i>
Uncured Acrylate resins	----	Not established
Silica, amorphous	112945-52-5	6 mg/m ³ / 10 mg/m ³
Sodium fluoride	7981-49-4	2.5 mg/m ³ (as F)

DOT HAZARD CLASSIFICATION:	Not regulated.	
WHMIS CLASSIFICATION:	D-2 possible irritant	
NFPA HMIS RATING: HEALTH: 1	FLAMMABILITY: 0	REACTIVITY: 1

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

Specific Gravity: 2.03	Vapor Pressure: <1 mm Hg
Vapor Density: 1	Evaporation Rate: Not available
Solubility in water: Slight	Odor Threshold: Not available

Appearance and Odor: Tooth-colored paste with faint characteristic odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: Not established Flammable limits: Not established

Extinguishing Media: Use 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.

SECTION VI - HEALTH HAZARD DATA

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Summary of Acute Hazards: Minimal health hazard under normal conditions of dental practice. Material 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 artificial respiration if required, and seek medical attention.

Eye contact

Flush eyes 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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