

MATERIAL SAFETY DATA SHEET: Embrace™ WetBond™ Product Line

Trade Names:

Embrace™ WetBond™ Class V

Embrace™ WetBond™ First Coat

Embrace™ Esthetic Opaquer

Embrace™ WetBond™ Pit and Fissure Sealant

Embrace™ WetBond™ Seal-n-Shine™

Embrace™ WetBond™ Resin Cement – Low Viscosity

Embrace™ WetBond™ Resin Cement – Medium Viscosity

Codes:

EMV, EMVA2, EMVA35, EMVB2, EMVD2

EMFC

EMOK, EMO1, EMO2, EMO3, EMO4, EMO5

EMS, EMS3, EMSB, EMSW, EMSW3, EMSWB

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

Date Prepared: September 1, 2008

Phone Numbers:

24 Hour Emergency: 1-800-535-5053

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

SECTION II - HAZARDOUS INGREDIENTS

Ingredients	CAS Number	Percent	PEL / TLV
Uncured acrylate resins	-----	≤ 57.0	Not established
Silica, amorphous	112945-52-5	≤ 5.0	6 mg/m ³ / 10 mg/m ³
Sodium fluoride	7981-49-4	≤ 1.0	2.5 mg/m ³ (as F)

DOT HAZARD CLASSIFICATION: Not regulated.

WHMIS CLASSIFICATION: D-2, Possible Irritation, Possible Sensitization

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.

EMOK, EMO*: Opaque, thick paste in five colors, Bleach White, Off-white, Yellow, Pink, Brown.

EMS, EMS3, EMSB: Natural tooth shade thin paste.

EMSW, EMSW3, EMSWB: Off-white thin paste.

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

EMCA, EMCAR, EMCAR2: Part A: thin, yellow paste; Part B: thin, white paste

EMCM, EMCMR, EMCMR2: Part A: yellow paste; Part B: white paste

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: Not established

Flammable limits: Not established

Extinguishing Media: Carbon dioxide, dry chemical, alcohol foam, water fog; water spray to cool fire-exposed containers.

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 use and in the quantity provided. Material may irritate eyes, mucous membranes or skin on contact; may be sensitizing with prolonged or repeated contact.

<i>Route of Exposure</i>	<i>Signs & Symptoms</i>
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 or sensitizing
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 oxygen / artificial respiration if required, and seek medical attention.
Eye contact	Flush with running water for 15+ minutes. Seek medical attention.
Ingestion	Consult physician immediately.
Skin contact	Wash skin with soap and running water for 15+ minutes.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING & USE

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

Release or Spill: Absorb / wipe up spill with suitable material such as paper towels; collect for disposal.

Waste Disposal Method: Follow all government regulations.

Other Precautions: None

SECTION VIII - CONTROL MEASURES

Respiratory Protection: None required under normal conditions of use.

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

Protective Gloves: Recommended

Eye Protection: Safety glasses are recommended.

Other Protective Clothing / Equipment: Emergency eye wash fountain should be close by and maintained.

Work/Hygienic Practices: Wash hands after use.

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.