MATERIAL SAFETY DATA SHEET: *Embrace™ WetBond™ Resin Cement*

IDENTITY *Embrace™ WetBond™ Resin Cement*

Codes: *Low Viscosity*: EMCA, EMCAR, EMCAR2 ; *Medium Viscosity*: EMCM, EMCMR, EMCMR2

Chemical Description: Glass-filled resin, with photo-initiator and self-cure chemistry

Product Use: Multi-purpose, dual-cure dental resin cement in two viscosities

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	*CAS Number*	*PEL / TLV*
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 II - PHYSICAL / CHEMICAL CHARACTERISTICS

	Low Viscosity	Medium Viscosity
Specific gravity	1.66	1.40
Light cure setting time	20 seconds	20 seconds
Film thickness	12 microns	12 microns
Appearance	Part A: Thin yellow paste	Part A: Yellow paste
	Part B: Thin white paste	Part B: White paste
Odor	Mild, characteristic	Mild, characteristic

SECTION IV - FIRE AND EXPLOSION HAZARD

Flash point: Not established

Auto-ignition temperature: Not established

Flammable limits: Not established

Hazardous Combustion Products: Under fire conditions, and with amounts greater than that supplied in this product, hazardous polymerization may occur with heat build up and release of carbon monoxide, carbon dioxide and oxides of nitrogen.

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

SECTION V - REACTIVITY DATA

Stability: Stable

Conditions to avoid: Temperature >100°F, intense light, cross-contamination.

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, cross-contamination.

SECTION VI - HEALTH HAZARD DATA

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

Route of Exposure	*Signs and Symptoms*
Inhalation	May be irritating to mucous membranes.
Eye Contact	May be irritating.
Skin Absorption	Not applicable
Skin Contact	Primary route of exposure, possibly irritating or sensitizing.
Ingestion	None expected with this product in normal conditions of use. May be irritating to mucous membranes.

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

Carcinogenicity	Not known to be a carcinogen.

Teratogenicity, Mutagenicity, Reproductive Toxicity: None known

Emergency First Aid Procedures

Inhalation	Move exposed person to fresh air. Seek medical care.
Eye contact	Flush eyes with running water for 15+ minutes. Seek medical attention.
Ingestion	Rinse mouth. Consult physician.
Skin contact	Wash skin with soap and water.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Handling/Storage Precautions: Avoid temperature extremes, strong light, cross-contamination, moisture.

Release or Spill: Wear gloves and safety glasses. Pick up with absorbent material such as paper or cloth towels and collect for suitable disposal.

Waste Disposal Method: Follow all government regulations.

Other Precautions: Wash hands after use.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: Not necessary under normal conditions of use of this product.

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

Protective Gloves: Recommended

Eye Protection: Safety glasses are recommended when normal conditions of use are anticipated.

Other Protective Clothing or Equipment: Emergency eye wash fountain

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.