MATERIAL SAFETY DATA SHEET*: Embrace™ Esthetic Opaquer*

IDENTITY	Trade Name:	*Embrace™ Esthetic Opaquer*
	Codes:	EMOK, EMO1, EMO2, EMO3, EMO4, EMO5
	Chemical Description:	Light-cured 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

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 III - PHYSICAL / CHEMICAL CHARACTERISTICS

Specific Gravity: 1.78 Vapor Pressure: <1 mm Hg

Vapor Density: 1 Evaporation Rate: Not available

Solubility in water: Slight Odor Threshold: Not available

Appearance: Opaque paste in five shades, Bleach White, Off-White, Yellow, Pink, and Brown.

Odor: 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.

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.

Route of Exposure	*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.

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/oxygen, 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 water for 15+ minutes. Consult physician for persistent irritation.

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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