

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

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

112945-52-5

7981-49-4

PEL/TLV

Not established

6 mg/m³ / 10 mg/m³

2.5 mg/m³ (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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