

IDENTITY

Trade Name: *Seal-Rite Pit and Fissure Sealant* Code: SEAL, SEAL-3, RITE,
Seal-Rite Low Viscosity Pit and Fissure Sealant SEAL-LV, SEAL-LV3, RITE-LV

Chemical Description: Glass filler materials in methacrylate resins.

Product Use: Visible light-cure pit and fissure 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

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SECTION II - HAZARDOUS INGREDIENTS

<i>Ingredients</i>	<i>CAS Number</i>	<i>Percent</i>	<i>PEL / TLV</i>
Uncured Methacrylate resins	-----	66.0	Not established
Amorphous silica	112945-52-5	5.0	6 mg/m ³ / 10 mg/m ³
Sodium fluoride	7981-49-4	2.0	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

Specific Gravity: SEAL 1.550, SEAL-LV 1.290

Vapor Pressure: <1 mm Hg Vapor Density: 1

Solubility in water: Nil Odor Threshold: Not available

Appearance and Odor: Off-white, thickened liquid 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 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 > 27°C / 80°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 > 27°C / 80°F; intense light.

SECTION VI - HEALTH HAZARD DATA

Summary of Acute Hazards: Minimal health hazard under normal conditions of use.

<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 cause irritation.
Ingestion	May be irritating to mucous membranes.

Summary of Chronic Hazards: Sensitization with prolonged or repeated contact.

Carcinogenicity None known
Teratogenicity, Mutagenicity, 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 running water for 15+ minutes. Seek medical attention.
Ingestion	Consult physician immediately.
Skin contact	Wash skin with soap and running water.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING & USE

Handling / Storage Precautions: Store tightly capped in original container at cool room temperature. Avoid temperature extremes (>27°C/80°F, <15°C/60°F), intense light, moisture and contaminants. Remove applicator tip and recap immediately after use.

Release or Spill: Wipe up material with paper or cloth towels and collect for disposal.

Waste Disposal Method: Follow all government regulations.

Other Precautions: Wash hands after use.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: None required under anticipated conditions of normal use.

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

Protective Gloves: Recommended.

Eye Protection: Safety glasses are recommended.

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

Work/Hygienic Practices: Avoid prolonged contact with skin. Wash hands after use.

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