

Pulpdent® Lime-Lite

Material Safety Data Sheet

Trade Name: Pulpdent [Lime-Lite](#)

Code: LIME, LIME-3

Chemical Description: Urethane dimethacrylate based light-cured liner.

Product Use: Dental liner.

SECTION I

Pulpdent Corporation

80 Oakland Street

Watertown, MA 02471-0780

USA

Phone Numbers:

24 Hr. Emergency: 1-800-535-5053

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

SECTION II - HAZARDOUS INGREDIENTS

Ingredients

PEL/TLV

Urethane dimethacrylate

Not established

DOT HAZARD CLASSIFICATION: None required

WHMIS CLASSIFICATION: D-2, Possible irritant

NFPA HMIS RATING: HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 1

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: >200°C

Melting Point: n/a

Solubility in water:

Negligible

Specific Gravity: n/a

Vapor Density: >1

Odor Threshold: n/a

Vapor Pressure: 30 mm Hg at 20°C

Appearance / Odor: Off-white paste; characteristic odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: >150°C Auto-ignition temperature: not determined

Flammable limits: Not determined

Extinguishing Media: Carbon dioxide, foam. Water spray may be used to cool exposed containers.

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.

Special Fire Fighting Procedures: A self-contained breathing apparatus should be worn by fire fighting personnel. Water spray may be used to cool exposed containers to prevent polymerization.

SECTION V - REACTIVITY DATA

Stability: Stable.

Conditions to avoid: Exposure to light, extreme heat.

Incompatibility: Reducing and oxidizing agents, free radical initiators.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, oxides of nitrogen.

Hazardous Polymerization: None under normal conditions of use.

SECTION VI - HEALTH HAZARD DATA

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

Route of Exposure

Inhalation:

Eye Contact:

Skin Absorption:

Skin Contact:

Ingestion:

Signs & Symptoms

Not applicable

Prolonged or repeated exposure may cause irritation

Not applicable.

Possible irritation, but unlikely

None expected under normal conditions of use. Non-toxic.

Summary of Chronic Hazards:None known.

Carcinogenicity:

None known.

Teratogenicity:

None known.

Mutagenicity:

None known.

Reproductive Toxicity:

None known.

Emergency First Aid Procedures:

Inhalation: Not applicable

Eye contact: Flush with water. Seek medical attention.

Ingestion: Consult physician.

Skin contact: Wash skin with soap and water.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING & USE

Handling and Storage Precautions: For small quantities (as in this product): Avoid contact with skin. Avoid temperature extremes ($> 30^{\circ}\text{C}$), light and moisture.

Steps to Be Taken if Material is Released or Spilled: For small quantities (as in this product): Wear gloves and safety glasses. Pick up with absorbent material, such as paper or cloth.

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. However, for large quantities and prolonged exposure, methods such as enclosures, local ventilation and dilution are recommended to reduce concentration below TLV.

Protective Gloves: Chemically impervious gloves are recommended

Eye Protection: Safety glasses are recommended when normal conditions of use are anticipated. Chemical splash goggles should be worn whenever there is a possibility of splashing or contact with eyes.

Other Protective Clothing or Equipment: Emergency eye wash fountain.

Work/Hygienic Practices: Avoid contact with eyes, skin, mucous membranes. 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.

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(800) 343-4342, (617) 926-6666, Fax: (617) 926-6262, Email: pulpdent@pulpdent.com
Pulpdent Corporation, 80 Oakland Street, P.O. Box 780, Watertown, MA 02471-0780 USA