

**IDENTITY**

Trade Name: *Pulpdent Lime-Lite*  
Chemical Description: Light cure composite with a urethane dimethacrylate base  
Product Use: Dental material

**SECTION I**

Pulpdent Corporation *Phone Numbers:*  
80 Oakland Street 24 Hour Emergency: 1-800-535-5053  
Watertown, MA 02472 USA Customer Service Numbers: 1-800-343-4342/ 1-617-926-6666  
Date prepared: September 1, 2008

**SECTION II – HAZARDOUS MATERIALS**

*Ingredients* *PEL/TLV*  
Uncured urethane dimethacrylate resin Not established  
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**

Boiling point: >200 °C Vapor pressure: 30 mm Hg at 20 °C  
Vapor density: >1 Odor threshold: Not available  
Solubility in water: Negligible  
Appearance and Odor: Off-white paste with mild, characteristic odor.

**SECTION IV - FIRE AND EXPLOSION HAZARD**

Flash point: >150 °C Auto-ignition temperature: Not determined  
Flammable limits: Not determined  
Hazardous Combustion Products: Carbon monoxide, carbon dioxide and oxides of nitrogen may be released under fire conditions.  
Extinguishing Media: Carbon dioxide, foam. Water spray may be used to cool exposed containers.  
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.  
Unusual Fire and Exposure Hazards: Possible hazardous polymerization with heat build up.

**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  
Conditions to avoid: Exposure to light, extreme heat

**SECTION VI - HEALTH HAZARD DATA**

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

<i>Route of Exposure</i>	<i>Signs and Symptoms</i>
Inhalation	Not applicable
Eye contact	Possible irritation
Skin absorption	Not applicable
Skin contact	Possible irritation, but unlikely
Ingestion	None expected under normal conditions of use. Non-toxic.
<i>Summary of Chronic Hazards:</i>	Possible sensitizer, especially in susceptible individuals.
Carcinogenicity	Not known to be a carcinogen.
Teratogenicity	None known
Mutagenicity	None known
Reproductive toxicity	None known
<i>Emergency First Aid Procedures</i>	
Inhalation	Not applicable
Eye contact	Flush with running water for 15+ minutes. Seek medical attention.
Ingestion	Consult physician.
Skin contact	Wash skin well with soap and water.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Handling and Storage Precautions: For small quantities (as in this product): Avoid contact with skin. Avoid temperature extremes (> 30°C), light and moisture.

Release or spill: Wear gloves and safety glasses. Pick up with absorbent material, such as paper or cloth towels. Collect in covered container for 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. However, for large quantities and prolonged exposure, methods such as enclosures, local ventilation and dilution are recommended to reduce concentration below TLV.

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 contact with eyes, skin, mucous membranes. Wash hands after use.

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*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.*