

MATERIAL SAFETY DATA SHEET: **PULPDENT OPAQUER**

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**IDENTITY:**

**Trade Name:** PULPDENT OPAQUER  
**Code:** OP1, OP2  
**Chemical Description:** Glass filler materials in methacrylate resins.  
**Product Use:** Dental opaquer

**SECTION I**

Pulpdent Corporation Phone Numbers:  
80 Oakland Street 24 Hr. Emergency: 1-800-535-5053  
Watertown, MA 02472 USA Customer Service: 1-800-343-4342 / 1-617-926-6666

Date Prepared: December 1, 2004

**SECTION II - HAZARDOUS INGREDIENTS**

<b>Ingredients</b>	<b>PEL / TLV</b>
Methacrylate resins	Not established
<b>DOT HAZARD CLASSIFICATION:</b>	Not regulated
<b>WHMIS CLASSIFICATION:</b>	D-2, Possible irritant
<b>NFPA HMIS RATING:</b> HEALTH: 0	<b>FLAMMABILITY:</b> 0 <b>REACTIVITY:</b> 1

**SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS**

**Specific Gravity:** 1.90      **Vapor Pressure:** <1 mm Hg      **Vapor Density:** 1  
**Solubility in water:** nil      **Odor Threshold:** n/a  
**Appearance and Odor:** Thin paste with faint characteristic odor in near white and tooth shades.

**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:** carbon monoxide, carbon dioxide and oxides of nitrogen may occur under fire conditions.  
**Unusual Fire & Explosion Hazards:** 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:** Heat (>100°F), 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:** Heat (>100°F), light.

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**SECTION VI - HEALTH HAZARD DATA**

**Summary of Acute Hazards:** Minimal health hazard in the form and small quantity offered in this product. Minimal health hazard under normal conditions of use. 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; may cause burns.

N/A

Primary route of exposure; may be irritating.

None expected with this product under normal conditions of use.

**Summary of Chronic Health Hazards:** May be a sensitizer.

Carcinogenicity

Not known to be a carcinogen.

Teratogenicity, Reproductive Toxicity, Mutagenicity: None known.

**Emergency First Aid Procedures:**

Inhalation

Move exposed person to fresh air.

Eye contact

Flush eyes with running water for >15 minutes. See physician.

Ingestion

Consult physician immediately if large amounts are ingested.

Skin contact

Wipe off excess with alcohol. Wash skin with soap and water.

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING & USE**

**Handling / Storage Precautions:** Store at cool room temperature (< 75° F); avoid moisture and direct light.

**Release or Spill:** For small quantities (as in this product): Wear gloves, safety glasses. Pick up with absorbent material, such as paper or cloth. Dispose in covered container. Clear area of spill with alcohol.

**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.

**Ventilation:** No special ventilation required under normal conditions of use. For large quantities /prolonged exposure, use enclosure, local ventilation and dilution to reduce concentration.

**Protective Gloves:** Chemically impervious gloves are recommended.

**Eye Protection:** Safety glasses are recommended under normal conditions of use in the dental office. Chemical splash goggles are required whenever there is a possibility of splashing or contact with eyes.

**Protective Equipment:** Emergency eye wash fountain.

**Hygienic Practices:** 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*

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\_\_\_\_\_ *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.*