

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 available in two shades

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

<i>Ingredients</i>	<i>CAS Number</i>	<i>PEL / TLV</i>
Uncured Methacrylate resins	-----	Not established
Amorphous, fumed silica	112945-52-5	6 mg/m <sup>3</sup> / 10 mg/m <sup>3</sup>

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: 1.90 Vapor Pressure: <1 mm Hg Vapor Density: 1  
Solubility in water: Nil Odor Threshold: Not available  
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 under fire conditions.  
Unusual Fire & Explosion Hazards: Hazardous polymerization with heat build-up and release of carbon monoxide, carbon dioxide and oxides of nitrogen 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.

SECTION VI - HEALTH HAZARD DATA

*Summary of Acute Hazards:* Material presents a minimal health hazard in the form and small quantity offered in this product and under normal conditions of use. May be irritating to eyes, mucous membranes or skin.

<i>Route of Exposure</i>	<i>Signs &amp; Symptoms</i>
Inhalation	May be irritating to mucous membranes.
Eye Contact	May be irritating; may cause burns.
Skin absorption	Not applicable
Skin Contact	Primary route of exposure; may be irritating.
Ingestion	None expected with this product under normal conditions of use.

*Summary of Chronic Health Hazards:* May be sensitizing with prolonged or repeated exposure.

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. Consult physician for persistent irritation.
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: Wear gloves, safety glasses. Pick up with absorbent material, such as paper or cloth. Dispose in covered container. Clean 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.

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

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 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.*