

MATERIALS SAFETY DATA SHEET: ORTHO-CHOICE ORTHO-COAT™

IDENTITY Trade Name: ORTHO-CHOICE ORTHO-COAT™ Code: OC
Chemical Description: Light-cured, reinforced resin with no Bisphenol A
Product Use: Dental material

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>Percentage</i>	<i>PEL / TLV</i>
Uncured acrylate resins	-----	-----	Not established
Silica, amorphous	112945-52-5	< 1.0 %	6 mg/m ³ / 10 mg/m ³
Hydrofluoric acid	7664-39-3	0.3 %	3 ppm

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

Solubility in water: Slight Odor Threshold: Not available
Appearance: Clear resin Odor: Mild, characteristic, resin odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: not established Flammable limits: not established
Extinguishing Media: Use 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: 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, especially direct sunlight.
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), intense light.

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SECTION VI - HEALTH HAZARD DATA

Summary of Acute Hazards: Mildly corrosive. Minimal health hazard under normal conditions of use and in the quantities present in this product. Material may be irritating to skin, eyes, respiratory tract or mucous membranes on contact.

Route of Exposure

Signs & Symptoms

Inhalation

May be irritating to mucous membranes

Eye Contact

May be irritating on contact

Skin Absorption

Not applicable

Skin Contact

May cause irritation.

Ingestion

May be irritating to mucous membranes

Summary of Chronic Hazards: May be sensitizing, especially with prolonged and/or repeated exposure.

Carcinogenicity

Not known to be a carcinogen

Teratogenicity

None known.

Mutagenicity

None known.

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 copious amounts of water for 15+ minutes. Seek medical attention for prolonged irritation.

Ingestion

Have person rinse mouth with water. Consult physician.

Skin Contact

Wash skin with soap and water for 15+ minutes. Get medical care for persistent or severe irritation.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING & USE

Handling and Storage Precautions: Store tightly capped in original container at cool room temperature. Avoid temperature extremes, intense light and moisture.

Steps to Be Taken if Material is Released or Spilled: Wear gloves and eye protection. Wipe up spill with suitable material such as paper towels; collect for disposal in covered waste container.

Waste Disposal Method: Follow all government regulations.

Other Precautions: Recap syringe immediately after use.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: None required under normal conditions of use.

Ventilation: Adequate to maintain exposure below 3 ppm. No special ventilation necessary under anticipated conditions of normal use.

Protective Gloves: Recommended

Eye Protection: Recommended.

Other Protective Clothing or Equipment: Emergency eye wash fountain should be available

Work/Hygienic Practices: Wash hands after use.

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