

MATERIAL SAFETY DATA SHEET: OxOut

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IDENTITY

Trade Name: OxOut  
Chemical Description: Mixture of glycerin and non-crystalline silica  
Product Use: Dental product used to block oxygen from the surface of anaerobic setting, resin-type dental restorative materials.

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 RN</i>	<i>PEL/TLV</i>
Glycerin, USP	56-81-5	10 mg/m <sup>3</sup> / 10 mg/m <sup>3</sup>
Untreated, non-crystalline silica	112926-00-8	6 mg/m <sup>3</sup> / 10 mg/m <sup>3</sup>

DOT HAZARD CLASSIFICATION: Not regulated      WHMIS CLASSIFICATION: Not regulated  
NFPA HMIS RATING: HEALTH: 0      FLAMMABILITY: 0      REACTIVITY: 0

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

Solubility in water: Soluble      Odor: Characteristic      Odor threshold: Not available  
Appearance: Clear to hazy, colorless gel

SECTION IV - FIRE AND EXPLOSION HAZARD

Not flammable  
Flash point: Not available      Auto-ignition temperature: Not available  
Flammable limits: Not available  
Hazardous Combustion Products: Aldehydes, carbon monoxide, carbon dioxide.  
Extinguishing Media: Water fog, carbon dioxide, dry chemical, foam. Do not use direct water stream as it will spread fire.  
Special Fire Fighting Procedures: Positive pressure, self-contained breathing apparatus.  
Unusual Fire and Exposure Hazards: None

SECTION V - REACTIVITY DATA

Stability: Stable  
Conditions to avoid: Moisture, temperatures > 130°F / 54°C.  
Incompatibility: Strong oxidizing agents  
Hazardous Decomposition Products: None known.  
Hazardous Polymerization: Will not occur  
Conditions to avoid: None

**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	None at room temperature
Eye contact	May cause transient irritation.
Skin absorption	None
Skin contact	Non-irritating
Ingestion	None expected under normal conditions of use.

*Summary of Chronic Hazards:* None known

Carcinogenicity	Not carcinogenic in long term animal studies
Teratogenicity	None known
Mutagenicity	None known
Reproductive toxicity	None known

**Emergency First Aid Procedures**

Inhalation	Remove to fresh air if effects occur. Consult a physician.
Eye contact	Irrigate immediately and thoroughly with running water.
Ingestion	Seek medical attention for large quantities.
Skin contact	Wash off with running water.

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

Handling and Storage Precautions: Store tightly closed in original container at room temperature, > 64°F and < 90°F / 37°C.

Accidental Release: Wear gloves and safety glasses. Wipe up with absorbent material, such as paper or cloth toweling.

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.

Protective Gloves: Recommended.

Eye Protection: Recommended.

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

Work / Hygienic Practices: Wash hands after use.

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