

MATERIAL SAFETY DATA SHEET: *ORTHO-CHOICE ORTHODONTIC BRACKET ADHESIVE*

IDENTITY

Trade Name: *ORTHO-CHOICE OBA* Code: OCBA, OCBAT, OCBAS
Chemical Description: Glass filler in light-cured aromatic / aliphatic methacrylate resins
Product Use: Dental adhesive for orthodontic brackets

SECTION I

Pulpdent Corporation

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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>PEL / TLV</i>
Uncured methacrylate resins	-----	Not established
Amorphous, fumed silica	112945-52-5	6 mg/m ³ / 10 mg/m ³

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: 1.82	Vapor Pressure: <1 mm Hg	Vapor Density: 1
Evaporation Rate: < 0.1	Solubility in water: Nil	
Odor Threshold: Not available	Appearance and Odor: Stiff white paste with characteristic odor.	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: Not flammable Flammable limits: Not established
Extinguishing Media: Use whatever method is appropriate to extinguish supporting fire.
Special Fire Fighting Procedures: Firefighters should use positive pressure self-contained breathing apparatus.
Hazardous Products of Combustion / Unusual Fire and Explosion Hazards: Burning or thermal decomposition may produce carbon monoxide and/or carbon dioxide and oxides of nitrogen and silicone.

SECTION V - REACTIVITY DATA

Stability: Stable Conditions to avoid: Temperature > 80°F/27°C, strong visible light.
Incompatibility: None
Hazardous Decomposition Products: Thermal decomposition or burning may produce carbon monoxide and/or carbon dioxide and oxides of nitrogen and silicone.
Hazardous Polymerization: Will not occur Conditions to avoid: None

SECTION VI - HEALTH HAZARD DATA

Summary of Acute Hazards: Minimal health hazard.

<i>Route of Exposure</i>	<i>Signs & Symptoms</i>
Inhalation	None
Eye Contact	May cause irritation
Skin Absorption	Not applicable
Skin Contact	May cause irritation
Ingestion	Not a hazard in the quantities present in this product.

Summary of Chronic Hazards: Possible sensitizer with prolonged or repeated exposure, especially in susceptible individuals.

Carcinogenicity	Not considered a carcinogen
Teratogenicity	None known
Mutagenicity	None known
Reproductive Toxicity	None known
Special Health Effects	Sensitizer

Emergency First Aid Procedures:

Inhalation	Not applicable
Eye contact	Flush with running water for 15+ minutes; if irritation persists, consult a physician.
Ingestion	If swallowed in large quantities, consult a physician.
Skin contact	Remove with alcohol or orange solvent. Wash with soap, water.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING & USE

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

Release or Spill: Wear gloves and safety glasses. Wipe up with absorbent paper towels. Place towels in covered container for disposal. Wash away residue with alcohol or orange solvent.

Waste Disposal Method: Dispose according to government regulations.

Other Precautions: Wash hands after use.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: Not required under normal conditions of use.

Ventilation: No special ventilation required under anticipated conditions of normal use.

Protective Gloves: Recommended

Eye Protection: Safety glasses are required.

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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