

MATERIAL SAFETY DATA SHEET: *ORTHO-CHOICE OBA BONDING RESIN*

IDENTITY

Trade Name: *ORTHO-CHOICE OBA BONDING RESIN* Code: OCBAR
Chemical Description: Aromatic / aliphatic methacrylate resin
Product Use: Dental bonding agent

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>PEL / TLV</i>
Uncured methacrylate resins	Not established	Not established

DOT HAZARD CLASSIFICATION: Not regulated
WHMIS CLASSIFICATION: D-2, Possible irritant / sensitizer
NFPA HMIS RATING: HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 1

SECTION III - PHYSICAL /CHEMICAL CHARACTERISTICS

Specific Gravity: 1.0785
Solubility in water: Negligible
Evaporation rate: Not determined
Odor Threshold: No data available
Appearance and Odor: Yellow, oily liquid with characteristic resin odor.

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point: No data available Flammable Limits: No data available
Extinguishing Media: Foam, carbon dioxide, dry chemical or fog.
Unusual Fire and Explosion Hazards / Hazardous Combustion Products: Thermal decomposition or burning may produce acrid fumes, carbon monoxide and/or carbon dioxide and oxides of nitrogen. Spontaneous polymerization may result from high temperatures. Closed containers may rupture during uncontrolled polymerization.
Special Fire Fighting Procedures: Fire fighters should wear full protective clothing and positive pressure self-contained breathing apparatus to protect eyes, skin and respiratory tract. Cool fire exposed containers with water.

SECTION V - REACTIVITY DATA

Stability: Stable
Conditions to avoid: High temperatures, direct sunlight, open flame, contamination, prolonged storage above 100°F, freezing conditions, oxidizing conditions, UV radiation, inert gas blanketing.
Incompatibility: Strong oxidizers, free radical initiators, inert gases, oxygen scavenging.
Hazardous Decomposition Products: Thermal decomposition or burning may produce acrid fumes, carbon monoxide and/or carbon dioxide and oxides of nitrogen.
Hazardous Polymerization: May occur.
Conditions to avoid: High temperatures, direct sunlight, open flame, contamination, prolonged storage above 100°F, freezing conditions, oxidizing conditions, UV radiation, inert gas blanketing.

SECTION VI - HEALTH HAZARD DATA

SUMMARY OF ACUTE HAZARDS: Minimal health hazard in the quantities present in this product. Moderate health hazard for the material in larger quantities.

<i>Route of Exposure</i>	<i>Signs and Symptoms</i>
Inhalation	Prolonged overdose may cause dyspepsia, nausea, vertigo.
Eye contact	May cause irritation.
Skin Absorption	None expected.
Skin Contact	May cause irritation or allergic sensitization.
Ingestion	Not a hazard in small quantities; may be irritating.

SUMMARY OF CHRONIC HAZARDS: Allergic sensitization.

Carcinogenicity:	Not known to be a carcinogen
Teratogenicity, Mutagenicity, Reproductive Toxicity:	None known
Special Health Effects:	May become a sensitizer with prolonged, repeated exposure.

Emergency First Aid Procedures

Inhalation	Remove to fresh air, monitor breathing. If breathing becomes difficult, seek immediate medical care; give oxygen or CPR as required.
Eye Contact	Flush with running water for 15+ minutes. Seek medical care as indicated.
Ingestion	Dilute with water. If large quantities are swallowed, consult a physician.
Skin Contact	Remove with alcohol or orange solvent. Wash skin with water and soap.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Handling and Storage Precautions: Keep tightly capped in original container. Avoid exposure to intense light. Store in a cool, dry, well-ventilated place. Avoid temperature extremes, moisture, direct sunlight, sources of ignition, strong oxidizers, and radiation. Limit storage time.

Release or Spill: Wear gloves and goggles. Eliminate sources of ignition. Wipe up or absorb with inert material, such as paper towels; transfer to covered container for disposal. Wash spill site with alcohol or orange solvent, then with detergent and water.

Waste Disposal Method: Follow all government regulations

SECTION VIII - CONTROL MEASURES

Respiratory Protection: None required under normal conditions of use of this product.

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

Protective gloves: Recommended

Eye protection: Safety glasses are recommended.

Other protective clothing or equipment: Emergency eye wash fountain. Long sleeved lab coat will minimize skin contact.

Work/Hygienic Practices: Wash hands after use.

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 users should review any recommendations in the specific context of the intended use to determine whether they are appropriate.