

MATERIAL SAFETY DATA SHEET: *ORTHO-CHOICE BAND-RITE*

IDENTITY

Trade Name: *ORTHO-CHOICE BAND-RITE* Code: OCBR, OCBRR
Chemical Description: Resin-Ionomer cement in dual cure base and catalyst pastes
Product Use: Dental cement for orthodontic bands

SECTION I

Pulpdent Corporation Phone Numbers
80 Oakland Street 24 Hour Emergency: 1-800-535-5053
Watertown, MA 02472 USA 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 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

	<i>Base</i>	<i>Catalyst</i>
Specific gravity	1.813	2.000
Solubility in water	Nil	Nil
Appearance	Pale yellow thin paste	Yellow-gray thin paste
Odor	Mild, characteristic	Mild, characteristic

SECTION IV - FIRE AND EXPLOSION HAZARD

Flash point, Auto-ignition temperature, Flammable limits: Not applicable

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.

Extinguishing Media: Carbon dioxide, dry chemical, alcohol foam, or water fog. Water spray may be used to keep exposed containers cool.

Special Fire Fighting Procedures: A self-contained breathing apparatus should be worn by fire personnel. Cool fire exposed containers with water to prevent polymerization under fire conditions.

Unusual Fire and Exposure Hazards: 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: Temperature > 80°F / 27°C, direct sunlight, strong visible light.

Incompatibility: Cross contamination between base and catalyst.

Hazardous Decomposition Products: Heat, carbon monoxide, carbon dioxide, oxides of nitrogen.

Hazardous Polymerization: May occur

Conditions to avoid: Temperature > 80°F / 27°C, direct sunlight, strong visible light.

MATERIAL SAFETY DATA SHEET: *ORTHO-CHOICE BAND-RITE*

SECTION VI - HEALTH HAZARD DATA

Summary of Acute Hazards: Minimal health hazard under normal conditions of use and in the quantities present in this product. May be irritating to eyes or skin on contact. May be a sensitizer for certain individuals who are prone to allergic responses.

<i>Route of Exposure</i>	<i>Signs and Symptoms</i>
Inhalation	None expected
Eye contact	May be irritating
Skin absorption	None expected
Skin contact	May be irritating or sensitizing
Ingestion	None expected under normal conditions of use.

Summary of Chronic Hazards: None known except for sensitizing or allergic reactions in some individuals, especially after prolonged or repeated contact.

Carcinogenicity Not known to be a carcinogen
Teratogenicity, Mutagenicity, Reproductive toxicity: None known

Emergency First Aid Procedures

Inhalation	Remove person to fresh air. Seek medical attention.
Eye contact	Rinse eyes under running water for 15+ minutes. Seek medical attention.
Ingestion	Seek medical attention promptly.
Skin contact	Wash immediately with soap and running water. Seek medical attention if irritation persists.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Handling and Storage Precautions: Store tightly capped in original container in a cool, dry place away from contaminants, direct sunlight and sources of ignition. Avoid cross-contamination of base and catalyst as this will cause the material to polymerize.

Release or spill: Wear gloves and safety glasses. Pick up spill with absorbent material, such as paper or cloth towels and collect for disposal. Wash area of spill with detergent and water.

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 of this product.

Ventilation: No special ventilation required under normal conditions of use of this product. However, for large quantities and prolonged exposure, methods such as enclosure, local ventilation and dilution are recommended to reduce concentration below TLV.

Protective Gloves: Recommended

Eye Protection: Safety glasses are recommended.

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

Work / Hygienic Practices: Wear long-sleeve lab coat. 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 user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.
