

IDENTITY

Trade Name: *PolyCarb WaterSet* Code: CPC
Chemical Description: Zinc Polycarboxylate Dental Cement
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

Date prepared: September 1, 2008

SECTION II - HAZARDOUS INGREDIENTS

<i>Ingredients</i>	<i>CAS Number</i>	<i>PEL</i>	<i>TLV</i>
Zinc oxide	1314-13-2	5 mg/m ³	10 mg/m ³
Polyacrylic acid	9003-01-4	Not established	Not established

DOT HAZARD CLASSIFICATION: Not regulated

WHMIS CLASSIFICATION: D-2, Possible irritant

NFPA HMIS RATING: HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

Solubility in water: Nil Odor threshold: Not available
Appearance and Odor: Off-white, fine powder

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: Not available Flammable limits, LEL and UEL: Not available
Extinguishing Media: Water, water fog; any method suitable for extinguishing supporting fire.
Special Fire Fighting Procedures: Firefighters should wear NIOSH-approved pressure-demand, self-contained breathing apparatus and full protective gear.
Unusual Fire and Explosion Hazards: None

SECTION V - REACTIVITY DATA

Stability: Stable
Conditions to avoid: Temperatures above 98°C
Incompatibility: Avoid chlorinated rubber, magnesium, strong acids and bases.
Hazardous Decomposition Products: Acrylate vapor
Hazardous Polymerization: Will not occur
Conditions to avoid: None

SECTION VI - HEALTH HAZARD DATA

Summary of Acute Hazards: Under normal conditions of anticipated use, this product presents a minimal health hazard of possible irritation on contact. Very high powder concentrations, as when the product is handled in bulk, may present an inhalation hazard.

<i>Route of Exposure</i>	<i>Signs & Symptoms</i>
Inhalation	Very high powder concentrations may cause irritation of respiratory tract, nausea and headache.
Eye Contact	May cause moderate irritation.
Skin absorption	Not applicable
Skin Contact	Repeated / prolonged contact may cause slight irritation.
Ingestion	None expected.

Summary of Chronic Hazards: None known

Carcinogenicity	Not known to be a carcinogen
Teratogenicity	None known
Mutagenicity	None known
Reproductive Toxicity	None known
Special Health Effects	None known

Emergency First Aid Procedures:

Inhalation	Move to fresh air. Give oxygen if breathing is difficult, artificial respiration if breathing has stopped. Seek medical attention.
Eye contact	Flush eyes with running water for at least 15 minutes. If irritation persists, seek medical attention.
Ingestion	Rinse mouth thoroughly. If swallowed, dilute with 3 glasses of water. Consult a physician. Never give anything by mouth to an unconscious person.
Skin contact	Wash skin thoroughly with soap and water. Remove and wash contaminated clothing before use.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING & USE

Handling and Storage Precautions: Store in tightly closed container, at room temperature. Avoid physical damage to container, extremes of temperature and moisture.

Release or Spill: Wear impervious gloves, dust mask. Sweep or scoop spill into container for disposal without dispersing dust into the air. Wash contaminated area with water.

Waste Disposal Method: Follow all government regulations. Other Precautions: Wash hands after use.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: Not required under normal conditions of use in a dental practice. For large quantities >TLV, a dust mask or mechanical filter respirator is recommended.

Ventilation: Under normal conditions of use, no special ventilation is required. For large quantities >TLV, provide local exhaust / general mechanical ventilation to prevent dust concentrations above approved limits.

Protective Gloves: Recommended. Eye Protection: Safety glasses are recommended.

Other Protective Clothing or Equipment: Emergency eye wash fountain.

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