

MATERIALS SAFETY DATA SHEET: *PULPDENT KOOL DAM™*

IDENTITY

Trade Name:	<i>PULPDENT KOOL DAM™</i>
Codes:	PD, PDB
Chemical Description:	Light-cured acrylic resins and filler.
Product Use:	Dental material used to protect soft tissue by creating a physical barrier.

SECTION I

Pulpdent Corporation

80 Oakland Street

Watertown, MA 02472 USA

Date Prepared: January 1, 2013

Phone Numbers

24 Hour Emergency: 1-800-535-5053

Customer Service: 1-800-343-4342/1-617-926-6666

SECTION II - HAZARDOUS INGREDIENTS

<i>Ingredients</i>	<i>CAS Number</i>	<i>PEL/TLV</i>
Acrylic resin mixture	-----	Not established
Amorphous 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: 1	FLAMMABILITY: 0	REACTIVITY: 1

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

Specific Gravity: 1.290	Vapor Pressure: <1 mm Hg	Vapor Density: Nil
Solubility in water: Nil	Odor Threshold: Not available	Odor: Characteristic
Appearance: Light blue gel.		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: > 200°F Flammable limits: Not available

Extinguishing Media: Carbon dioxide, dry chemical, chemical foam and water spray to keep fire-exposed containers cool.

Special Fire Fighting Procedures: Fire fighters should wear a self-contained breathing apparatus.

Hazardous Combustion Products: Decomposes at elevated temperatures. Fumes may be hazardous.

SECTION V - REACTIVITY DATA

Stability: Stable

Conditions to avoid: Temperature >80°F/27°C, open flame, peroxides, other free radical sources, direct light.

Incompatibility: Oxidizing agents and other free radical sources.

Hazardous Decomposition Products: Toxic fumes.

Hazardous Polymerization: May occur.

Conditions to avoid: Heat, free radical sources and direct light.

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SECTION VI - HEALTH HAZARD DATA

Summary of Acute Hazards: Minimal health hazard under normal conditions of use. May be irritating to eyes, mucous membranes, or skin. May be sensitizing or cause an allergic reaction in susceptible individuals.

Route of Exposure

Inhalation

Eye Contact

Skin Absorption

Skin Contact

Ingestion

Signs & Symptoms

May be irritating to mucous membranes.

May be irritating.

May be sensitizing or cause an allergic reaction.

Primary route of exposure. May be irritating (cause rash or redness), sensitizing or cause an allergic reaction in certain susceptible individuals.

May be irritating to mucous membranes. May be sensitizing or cause an allergic reaction in susceptible individuals.

Summary of Chronic Hazards: May cause sensitization in susceptible individuals, especially with prolonged or repeated exposure. Dental professionals should wear safety glasses and surgical gloves.

Carcinogenicity, Teratogenicity, Mutagenicity, Reproductive Toxicity: None known.

Emergency First Aid Procedures:

Inhalation

Move to fresh air. Administer oxygen / artificial respiration if breathing is difficult; seek medical attention.

Eye contact

Flush eyes with running water for 15+ minutes. Seek medical attention immediately.

Ingestion

Large quantity: give 1 pint warm water if patient is conscious. Do not induce vomiting. Consult physician immediately.

Skin contact

Remove with alcohol and then wash skin with soap and water. Flush with running water for 15+ minutes.

Allergic reaction

Call for emergency medical care immediately.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING & USE

Handling and Storage Precautions: Avoid temperature extremes (>80°F/27°C, <5°C/40°F), light and moisture.

Release or Spill: Wear impervious gloves and safety goggles. Pick up with paper toweling and collect for disposal. Clean up residue with alcohol.

Waste Disposal Method: Follow all government regulations.

Other Precautions: Wash hands after use.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: None required under normal conditions of use.

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

Protective Gloves: Recommended

Eye Protection: Safety glasses or goggles are recommended.

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

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.
