

IDENTITY:

Trade Name: Dentin Conditioning Gel Code: DEN, DEN-3
Chemical Description: 22% Polyacrylic Acid in a proprietary gel base
Product Use: Dental surface preparation material

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

Ingredients	CAS Number	%	PEL / TLV
Polyacrylic Acid	9003-01-4	22	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

Boiling Point: 100°C Specific Gravity: 1.025 Vapor Pressure: 17
Melting Point: 0°C Vapor Density: >1 Evaporation Rate: <1
Solubility in water: Soluble Odor Threshold: Not available.
Appearance and Odor: Clear orange gel; odorless

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: Non-combustible Flammable limits: LEL Not applicable UEL Not applicable
Hazardous Combustion Products: Thermal decomposition may yield acrylic monomer, oxides of carbon (CO and CO₂), flammable or explosive mixtures with air.
Extinguishing Media: Any method suitable for extinguishing supporting fire.
Special Fire Fighting Procedures: Firefighters should wear pressure-demand, self-contained breathing apparatus (NIOSH-approved) and full protective gear.
Unusual Fire and Explosion Hazards: Material may spatter when heated to 100°C.

SECTION V - REACTIVITY DATA

Stability: Stable Conditions to avoid: High temperatures.
Incompatibility: Strong oxidizing agents
Hazardous Decomposition Products: Thermal decomposition may yield acrylic monomer, oxides of carbon (toxic fumes of CO and CO₂), and flammable and/or explosive mixtures with air.
Hazardous Polymerization: Will not occur Conditions to avoid: None

SECTION VI - HEALTH HAZARD DATA

Summary of Acute Hazards: Minimal health hazard of skin or eye irritation on contact.

<i>Route of Exposure</i>	<i>Signs & Symptoms</i>
Inhalation	None expected under normal conditions of use.
Eye Contact	May be irritating.
Skin Absorption	Not applicable
Skin Contact	May be irritating upon repeated or prolonged contact.
Ingestion	None expected.

Summary of Chronic Hazards: None known

Carcinogenicity	Not a carcinogen
Teratogenicity	None known
Mutagenicity	None known
Reproductive Toxicity	None known

Emergency First Aid Procedures:

Inhalation	Move subject to fresh air.
Eye contact	Flush eyes with running water for 15+ minutes. Seek medical care if irritation persists.
Ingestion	If person is conscious, dilute by giving two glasses of water. Consult physician if significant quantities are ingested.
Skin contact	Wash affected area with soap and water. Seek medical care if irritation persists.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING & USE

Handling and Storage Precautions: Store tightly capped in original container. Protect from extremes of temperature.

Release or Spill: Wear gloves and splash goggles. Absorb spill with inert material, such as paper towels, and transfer to container for disposal. Wash area with water.

Waste Disposal Method: Follow all government regulations.

Other Precautions: Wash hands after use. Wash contaminated clothing or protective equipment before reuse.

SECTION VIII - CONTROL MEASURES

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

Ventilation: No special ventilation necessary under normal conditions of use.

Protective Gloves: Impervious gloves recommended.

Eye Protection: Safety glasses or splash goggles recommended.

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

Work/Hygienic Practices: Wash hands after use.

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