

IDENTITY

Trade Name: *Sparkle* Diamond Polishing Paste

Code: SPARK, SPARK-3

Chemical Description: Diamond dust in a surfactant matrix

Product Use: Dental polishing 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, 2007

SECTION II - HAZARDOUS INGREDIENTS

None in this formulation

DOT HAZARD CLASSIFICATION: Not regulated

WHMIS CLASSIFICATION: D-2, Possible irritant

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

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

Specific Gravity: 1.18

Evaporation Rate: Not defined

Odor Threshold: Not available

Solubility in water: Matrix: soluble; Filler: insoluble.

Appearance and Odor: Gray paste with peppermint odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: Not established

Flammable limits: Not established

Extinguishing Media: Carbon dioxide, water, multi-purpose foam, dry chemical.

Special Fire Fighting Procedures: Use self-contained breathing apparatus and protective clothing.

Hazardous Combustion Products / Unusual Fire and Explosion Hazards: If exposed to high heat / fire conditions, material may produce toxic or flammable vapors. No explosion hazard in this form.

SECTION V - REACTIVITY DATA

Stability: Stable

Conditions to avoid: High heat, flame.

Incompatibility: Strong oxidizers and alkaline solutions.

Hazardous Decomposition Products: Oxidizing agents and strong alkalies can liberate isopropylamine.

Combustion products: Carbon dioxide and monoxide, nitrogen, phosphorus and sulfur oxides, ammonia.

Hazardous Polymerization: Will not occur

Conditions to avoid: None

SECTION VI - HEALTH HAZARD DATA

Summary of Acute Hazards: This product, in its paste form, presents no health hazard under normal conditions of anticipated use. The components when in a powder form may present a dust hazard; the liquid ingredients may be slightly irritating on contact.

<i>Route of Exposure</i>	<i>Signs & Symptoms</i>
Inhalation	None anticipated for past form; dust may be irritating to nose, throat, lungs.
Eye Contact	Moderately irritating
Skin Absorption	Not applicable
Skin Contact	May be irritating.
Ingestion	None anticipated. Larger quantities may cause irritation of mucous membranes / nausea.

Summary of Chronic Hazards: Prolonged exposure to large amounts may be irritating.

Special Health Effects	Persons with respiratory or skin allergy problems should avoid prolonged, repeated contact.
Carcinogenicity	Not known to be a carcinogen
Teratogenicity	None known
Mutagenicity	None known
Reproductive Toxicity	None known

Emergency First Aid Procedures:

Inhalation	None anticipated. Remove subject to fresh air. Consult a physician for any breathing problem.
Eye contact	Flood with tepid, running water for 15+ minutes. Seek medical attention for persistent irritation.
Ingestion	None necessary for small amounts. For large amounts, dilute with two glasses of water. Consult a physician.
Skin contact	Remove contaminated clothing. Wash skin with soap and water. Consult a physician if irritation develops.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING & USE

Handling / Storage Precautions: Store tightly capped in original container in a well ventilated area; avoid heat and flame.

Release or Spill: Wear protective gloves and splash goggles. Pick up spilled material with paper towels. Place towels in covered container for disposal. Wash area of spill with water. Note: area of spill will be slippery until cleaned 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 anticipated use.

Ventilation: No special ventilation required other than the usual room ventilation.

Protective Gloves: Recommended

Eye Protection: Safety glasses or splash goggles required.

Other Protective Clothing or Equipment: Emergency eye wash fountain.

Work/Hygienic Practices: Wash hands after use. Wash contaminated safety equipment before re-use.

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