

**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 Hr. Emergency: 1-800-535-5053  
Customer Service: 1-800-343-4342/1-617-926-6666

Date prepared: December 1, 2004

**SECTION II - HAZARDOUS INGREDIENTS**

None in this formulation

DOT HAZARD CLASSIFICATION:            None required  
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: n/a                        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 alkalis 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.

**Route of Exposure**

Inhalation

Eye Contact

Skin Absorption

Skin Contact

Ingestion

**Signs & Symptoms**

None anticipated; large quantities may be irritating to nose, throat, lungs.

Moderately irritating.

n/a

May be irritating.

None anticipated. Larger quantities may cause irritation of mucous membranes / nausea.

**Summary of Chronic Hazards:** Prolonged exposure / large amounts may be irritating.**Special Health Effects**  
prolonged,

Persons with respiratory or skin allergy problems should avoid 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. Get medical attention for 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:** Keep tightly closed, in a well ventilated area; avoid heat, 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.**Waste Disposal Method:** Follow government regulations. **Other Precautions:** Wash hands after use.**SECTION VIII - CONTROL MEASURES****Respiratory Protection:** Under normal conditions of anticipated use, no special protection necessary other than the usual surgical mask worn by dental staff.**Ventilation:** No special ventilation required other than the usual room ventilation.**Protective Gloves:** Recommended**Eye Protection:** Safety glasses or splash goggles recommended.**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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