

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, 2008

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: Cellulose 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 or 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 or fire conditions, material may produce toxic or flammable vapors. No explosion hazard in this form.

SECTION V - REACTIVITY DATA

Stability: Stable Conditions to avoid: Temperature >100°F, sources of ignition.
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: *Sparkle* is a minimal health hazard in its paste form and under normal conditions of anticipated use. The unincorporated powder component 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 but the dust may be irritating to nose, throat or lungs.
Eye Contact	Moderately irritating
Skin Absorption	Not applicable
Skin Contact	May be irritating.
Ingestion	None anticipated. Large quantities may cause irritation of mucous membranes and/or 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, Mutagenicity, Reproductive Toxicity: None known

Emergency First Aid Procedures:

Inhalation None anticipated. Remove 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 and detergent. Note: Area of spill will be slippery until cleaned.

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 should be close by and maintained.

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

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