

**IDENTITY**

Trade Name: *Sparkle* Diamond Polishing Paste

Code: SPARK, SPARK-3

Chemical Description: Diamond dust in a cellulose 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: January 1, 2013

**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 >80°F/27°C, 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.

*Route of Exposure*

Inhalation

Eye Contact

Skin Absorption

Skin Contact

Ingestion

*Signs & Symptoms*

None anticipated but the dust may be irritating to nose, throat or lungs.

Moderately irritating

Not applicable

May be irritating.

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 temperature extremes (&gt;80°F/27°C, &lt;5°C/40°F) and sources of ignition.

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.

---

*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.*

---