

Sparkle Diamond Polishing Paste

Material Safety Data Sheet

IDENTITY

Trade Name: Sparkle Diamond Polishing Paste

CODE: SPARK, SPARK-3, SPARK-12

Chemical Description: Diamond dust in a cellulose matrix

Product Use: Dental polishing material

SECTION I

Pulpdent Corporation Phone Numbers:

80 Oakland Street 24 Hr. Emergency: 1-800-535-5053

Watertown, MA 02472 Customer Service: 1-800-343-4342/1-617-926-6666

USA

Date Prepared: January 1, 1999

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

Boiling Point: n/a Specific Gravity: 1.18

Vapor Pressure: n/a Melting Point: n/a

Vapor Density: n/a Evaporation Rate: not defined

Odor Threshold: n/a 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, 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 and/or fire conditions, material may produce vapors which are either toxic or flammable. 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, carbon monoxide, nitrogen oxides, ammonia, sulfur oxides, phosphorus oxides.

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 Signs & Symptoms

Inhalation None anticipated, but may be slightly irritating to nose, throat and lungs in large quantities

Eye Contact Moderately irritating.

Skin Absorption n/a

Skin Contact May be irritating.

Ingestion None anticipated for small amounts. Larger amounts may cause irritation of mucous membranes / nausea.

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

Special Health Effects Persons with breathing and 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 tap water for 15 minutes. Get medical attention for any 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 and Storage Precautions: Keep in tightly closed container, away from heat and flame, in a well ventilated area.

Steps to Be Taken if Material is Released or Spilled: Wear protective gloves and splash goggles. For small quantities (as in this product): 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 all 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.

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.

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