



MATERIAL SAFETY DATA SHEET

Revised/ Reviewed: July 23, 2007

SLIDE™

An endodontic file lubricant to facilitate file movement within and debris removal from the root canal.

Section 1- Product and Company Information

Manufactured by: Miltex, Inc.; 589 Davies Drive, York, PA 17402

Information: 717-840-9335, 717-840-9347 (fax)

Chemical Name & Synonyms: 1,2,3-Propanetriol/ Urea peroxide/ Polyethylene glycol

Chemical Formula: Product is a mixture

Section 2 – Composition/ Information on Ingredients

- Glycerin; CAS # 56-81-5; < 90% w/v; ACGIH TLV = 10 mg/m³
- Urea Peroxide; CAS # 124-43-6; < 10% w/v; no information on threshold limit
- Polyethylene Glycol 200; CAS # 25322-68-3; < 5% w/v; no information on threshold limit

Section 3 - Health Identification

Potential Health Effects: Inhalation of mist or spray can cause respiratory distress. Allergic reaction possible from prolonged contact.

Primary Route(s) of Entry: Ingestion, Inhalation, and Skin Contact

Carcinogen: No information available. None of the material's components are carcinogenic.

Medical Conditions Aggravated by Exposure: No information available

HMIS Ratings: Health = 2; Flammability = 1; Reactivity = 0; PPE = B

Section 4 - First Aid Measures

Eyes: Flush with water for at least 15 minutes. Seek immediate medical attention.

Skin: Remove any contaminated clothing. Wash affected area with soap and water.

Ingestion: Not likely to be a hazard when used as directed. Seek medical attention should complications develop.

Inhalation: Not likely to be a hazard when used as directed. Remove person to fresh air.

Section 5 – Fire Fighting Measures

Flash Point (Test Method): 320°F (closed-cup)

Auto Ignition Temperature: No information available

Flammable Limits- No information available

Extinguishing Media: Use suitable for surrounding materials.

Special Fire Fighting Procedures: If necessary, wear self-contained breathing apparatus and protective clothing.

Unusual Fire and Explosion Hazards: Hazardous when exposed to flames, heat, or oxidizers.

Section 6 - Physical and Chemical Properties

Physical State: Liquid pH: No information available

Appearance and Odor: A clear, colorless, viscous liquid.

Melting Point (°C): Not applicable Solubility in Water: Soluble

Specific Gravity (H₂O=1): No information available; likely greater than 1.

Vapor Pressure (mm Hg): No information available

Vapor Density (Air=1): No information available

Evaporation Rate (butyl acetate=1): No information available

Section 7 – Stability and Reactivity

Stability: No information available, thought to be stable.

Conditions to Avoid: Heat and open flame

Incompatibility/ Materials to Avoid: Contact with strong oxidizing agents may cause explosion.

Hazardous Polymerization: No information available, believed that it will not occur.

Hazardous Decomposition Products: Carbon oxides and acrolein

Section 8 – Accidental Release, Disposal, and Ecological Information

Spill Response: Absorb with sand or vermiculite, scoop up and containerize for proper disposal.

Waste Disposal Method: Dispose of in accordance with all applicable federal, state, and local regulations.

Ecological, General: No information available

Section 9 – Exposure Controls/ Personal Protection

Eye Protection: Safety glasses or goggles

Respiratory Protection: Wear self-contained breathing apparatus in high vapor areas.

Ventilation Recommendations: Provide adequate general and local exhaust ventilation.

Skin Protection: Impervious gloves

Other: As required to prevent skin, eye, and clothing contact. Do not breathe vapors.

Section 10 – Storage and Handling

Storage: Store in a cool, dry, well-ventilated area. Keep container tightly-closed.

Handling: Wash thoroughly after handling. Keep away from acids, oxidizers, and ignition sources.

Section 11 – Miscellaneous

Toxicological Information: Glycerin LD₅₀ (oral, rat) = 12,600 mg/kg; Polyethylene Glycol 200 LD₅₀ (oral, rat) = 28 gm/kg

Transportation Information: Material is not a U.S. DOT Hazardous Material

Other: --

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