



MATERIAL SAFETY DATA SHEET

Section 1 – PRODUCT AND SAFETY SUPPLIER INFORMATION

Product Name: Redwop Fluorescent Powder
Common Name: Latent Fingerprint Powder
Supplier: Lightning Powder Company, Inc.
13386 International Parkway, Jacksonville, FL 32218
Emergency Telephone: Chemtel® United States (800) 255-3924 International – 813-248-0585 (Collect)
Date Prepared: October 31, 2003

Section 2 – HAZARDOUS INGREDIENTS

<u>Ingredient</u>	<u>CAS#</u>	<u>Percent</u>	<u>PEL (OSHA)</u>	<u>TLV (ACGIH)</u>
Extender	Proprietary	80-90	15 mg/m ³	10 mg/m ³
Dyed Polymer	Proprietary	10-20	None Listed	10 mg/m ³

Section 3 – PHYSICAL/CHEMICAL PROPERTIES

Appearance and Odor: Fine, red powder with negligible odor
Specific Gravity: Not known Solubility in Water: Insoluble
Boiling Point: n/a Melting Point: n/a
Vapor Density: n/a Vapor Pressure (mmHg): n/a
Evaporation Rate: n/a Percent Volatile: n/a

Section 4 – FIRE AND EXPLOSION DATA

Flash Point: N/A UEL: N/A LEL: N/A
Extinguishing Media: N/A
Firefighting Procedures: N/A
Unusual Fire and Explosion Hazards: None

Section 5 – REACTIVITY DATA

Stability: Yes Hazardous Polymerization: No
Incompatibilities: Hydrofluoric acid



Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.

Section 6 – HEALTH HAZARD INFORMATION

Health Hazards: Low hazard for normal industrial handling.

Routes of Entry and First-Aid Procedures:

Eyes: Rinse eyes with water for at least 15 minutes. Get medical aid.

Inhalation: Remove victim to fresh air.

Skin: Flush with plenty of soap and water.

Ingestion: If victim is alert, give 2-4 cupfuls of milk or water. Get medical attention if irritation or symptoms occur.

Signs and Symptoms of Exposure: Irritation of eyes and respiratory tract.

Medical Conditions Aggravated by Exposure: Chronic lung conditions may be aggravated by high concentrations of dust.

Section 7 – EXPOSURE CONTROLS

Respirator Protection: NIOSH approved dust mask required when concentrations exceed TLV/PEL.

Ventilation: Sufficient to maintain below TLV/PEL.

Protective Gloves: Cotton or latex for prolonged use. Eye Protection: Safety glasses or splash goggles for prolonged use.

Other Protective Equipment: Eye wash station if there is the possibility of getting powder into eyes.

Work and Hygienic Practices: Employ good laboratory practices by using adequate ventilation and personal protection as needed. Wash after using powder.

Section 8 – SPILL OR LEAK PROCEDURES

Steps to be taken if material is spilled or released: Vacuum, sweep, or spray with water and collect in a suitable container. Recycle large spills if possible. Use dust mask if necessary.

Waste Disposal Method: Landfill in accordance with local, state and federal regulations.

Section 9 – PRECAUTIONS FOR SAFE HANDLING AND USE

Special Precautions: Avoid breathing dust.

Storage Method: Use and store with adequate ventilation. Keep containers closed when not in use.

Section 10 – TOXICOLOGICAL DATA

Carcinogenicity:



NPT: No

OSHA: No

IARC: No

Acute Inhalation LC50: No data available.

Acute Dermal LD50: No data available.

Acute Oral LD50: No data available.

Section 11 – ECOLOGICAL DATA

No data available.

Section 12 – TRANSPORTATION IDENTIFICATION

Proper Shipping Name: Not regulated.

Identification Number: N/A

Hazard Class: N/A

Packing Group: N/A