



MATERIAL SAFETY DATA SHEET

Section 1 – PRODUCT AND SAFETY SUPPLIER INFORMATION

Product Name: Red Bichromatic 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: January 11, 2006

Section 2 – HAZARDOUS INGREDIENTS

<u>Ingredient</u>	<u>CAS#</u>	<u>Percent</u>	<u>PEL (OSHA)</u>	<u>TLV (ACGIH)</u>
Aluminum	7429-90-5	2	15/mg/m ³	10 mg/m ³
Dyed Polymer	Proprietary	20	None listed	10 mg/m ³

Section 3 – PHYSICAL/CHEMICAL PROPERTIES

Appearance and Odor: Fine, silver/red powder with negligible odor.
Specific Gravity: 2.7 Stability in Water: Negligible solubility.
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: 40 mg/l
Extinguishing Media: Dry sand, suffocation of flames
Firefighting Procedures: Do not use halogenated extinguishing methods. Ring small fire with sand, using non-sparking shovels, eliminate drafts, let fire extinguish itself.
Unusual Fire and Explosion Hazards: Aluminum flake powder is considered a flammable solid. It may be ignited by static discharge and burn at extremely high temperatures.



Section 9 – PRECAUTIONS FOR SAFE HANDLING AND USE

Special Precautions: Avoid dust cloud formations. Do not use vacuum cleaners to collect any spills. Use with adequate ventilation.

Storage Method: Keep containers closed when not in use.

Section 10 – TOXICOLOGICAL DATA

Carcinogenicity:

NPT: No

OSHA: No

IARC: No

Acute Inhalation LC50: Unavailable

Acute Dermal LD50: n/a

Acute Oral LD50: Unavailable.

Section 11 – ECOLOGICAL DATA

No information found.

Section 12 – TRANSPORTATION IDENTIFICATION

Proper Shipping Name: Not Regulated

Identification Number: N/A

Hazard Class: N/A

Packing Group: N/A