



MATERIAL SAFETY DATA SHEET

Section 1 – PRODUCT AND SAFETY SUPPLIER INFORMATION

Product: Red Bichromatic Magnetic 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>
Iron Powder	7439-89-6	97.8	15 mg/m ³	10 mg/m ³
Dyed Polymer	Proprietary	2	Not Listed	10 mg/m ³

Section 3 – PHYSICAL/CHEMICAL PROPERTIES

Appearance and Odor: Red, metallic powder with no odor.
Specific Gravity: 2.9 Solubility 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: n/a
Extinguishing Media: Graphite, sodium chloride
Firefighting Procedures: Fog nozzle and fine spray to prevent dusting.
Unusual Fire and Explosion Hazards: Fine, dry dust suspensions can explode in presence of ignition.



Section 10 – TOXICOLOGICAL DATA

Carcinogenicity: Not considered carcinogenic.

NPT: No

OSHA: No

IARC: No

Acute Inhalation LC50: No data

Acute Dermal LD50: No data

Acute Oral LD50: No data

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