



## MATERIAL SAFETY DATA SHEET

### Section 1 – PRODUCT AND SAFETY SUPPLIER INFORMATION

Product Name: 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: November 6, 2002

### 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	98.5	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Carbon Black	1333-86-4	>1	3.5 mg/m <sup>3</sup>	3.5 mg/m <sup>3</sup>

### Section 3 – PHYSICAL/CHEMICAL PROPERTIES

Appearance and Odor: Silver/black, metallic powder with no odor  
Specific Gravity: 3.0 Stability 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: Dry chemical, sand, graphite to smother fire.  
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: Iron Metal, powdered, flammable, n.o.s.

Identification Number: UN3089 Hazard Class: 4.1

Packing Group: III