



MATERIAL SAFETY DATA SHEET

Section 1 – PRODUCT AND SAFETY SUPPLIER INFORMATION

Product Name: Black Ruby 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: April 15, 2003

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	86.5	15 mg/m ³	10 mg/m ³
Trade Secret as defined by OSHA 29 CFR		12.5	5 mg/m ³	3 mg/m ³

1910.1200 Appendix D

Trade Secret	1	NE*	NE*
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*Not Established

Section 3 – PHYSICAL/CHEMICAL PROPERTIES

Appearance and Odor:	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: Not regulated

Identification Number: N/A

Hazard Class: N/A

Packing Group: N/A