



MATERIAL SAFETY DATA SHEET

Section 1 – PRODUCT AND SAFETY SUPPLIER INFORMATION

Product Name: Black Emerald 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 7, 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	15 mg/m ³	10 mg/m ³
Pigment	Trade Secret	12.5	5 mg/m ³	3 mg/m ³
	as defined by			
	OSHA 29 CFR			
	1910.1200			
	Appendix D			
Dyed Pigment	Trade Secret	1.5	Not Listed	10 mg/m ³

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.

