



## MATERIAL SAFETY DATA SHEET

### Section 1 – PRODUCT AND SAFETY SUPPLIER INFORMATION

Product Name: Lightning-Gold 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 17, 2003

### Section 2 – HAZARDOUS INGREDIENTS

<u>Ingredient</u>	<u>CAS#</u>	<u>Percent</u>	<u>PEL (OSHA)</u>	<u>TLV (ACGIH)</u>
Copper	7440-50-8	71.5	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>
Zinc	744-66-6	28	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>

### Section 3 – PHYSICAL/CHEMICAL PROPERTIES

Appearance and Odor: Gold powder with no odor.  
Specific Gravity: 3.25 Solubility 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: 0

### Section 4 – FIRE AND EXPLOSION DATA

Flash Point: n/a UEL: Not determined LEL: Not determined  
Extinguishing Media: Special powder for metal fires. Do not use water.  
Firefighting Procedures: Wear SCBA.  
Unusual Fire and Explosion Hazards: Dust clouds can create highly flammable mixtures in air.





## **Section 10 – TOXICOLOGICAL DATA**

Carcinogenicity:

NPT: No

OSHA: No

IARC: No

Acute Inhalation LC50: No data available.

Acute Dermal LD50: No data available.

Acute Oral LD50: No data available.

## **Section 11 – ECOLOGICAL DATA**

No specific information available. Do not release significant amounts to the environment.

## **Section 12 – TRANSPORTATION IDENTIFICATION**

Proper Shipping Name: Metal powders, flammable, n.o.s.

Identification Number: UN 3089 Hazard Class: 4.1

Packing Group: III