

# Material Safety Data Sheet

## ULTRA BLACK-GREEN FLUORESCENT MAGNETIC LATENT POWDER

### SECTION 1- IDENTITY

NAME EVIDENT Forensic Products		ADDRESS 739 Brooks Mill Road, Union Hall, VA 24176	
TELEPHONE 800-576-7606	FOR ADDITIONAL INFORMATION CONTACT: Bob Kopec (706)896-9742		DATE PREPARED: January 1, 2013
COMMON NAME (USED ON LABEL) Ultra-Black-Green Fluorescent Magnetic Latent Powder			CHEMICAL FAMILY: N/A (Chemical mixture)
CHEMICAL NAME: Does Not Apply	FORMULA: Does not apply	TRADE NAME & SYNONYMS: Latent Fingerprint Powder-Ultra-Black/Green Fluorescent Magnetic	

### SECTION 2- HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT	CAS#	TLV	PEL
CARBON BLACK	1333-86-4	3.5 mg/ M3	3.5 mg / M3
IRON (II, III) OXIDE	1317-61-9	5 mg/ M3	10 mg / M3
SILICON DIOXIDE	7631-86-9	10 mg/M3	6 mg/M3
<b>Treat as nuisance dust.</b>			

PEL: Permissible Exposure Limit established by Occupational Safety and Health Administration

TLV: Threshold Limit Value established by the American Conference of Governmental Industrial Hygienists

### PHYSICAL DATA

BOILING POINT: N/A	SPECIFIC GRAVITY: 1.8	VAPOR PRESSURE: N/A	VAPOR DENSITY: N/A
PERCENT VOLATILE (VOL) 0%	SOLUBILITY (WATER) Insoluble	REACTIVITY IN WATER: None	EVAPORATION RATE: N/A

APPEARANCE AND ODOR:

Fine Black Powder, Green under UV light

### SECTION 4- FIRE AND EXPLOSION DATA

FLASH POINT: Not-combustible	AUTO IGNITION TEMPERATURE Above 315C	FLAMMABLE LIMITS IN AIR (% by VOLUME) LOWER: 122 g/ M3      UPPER: N/A	
EXTINGUISHING MEDIA: Not combustible			
UNUSUAL FIRE AND EXPLOSION HAZARDS: May emit toxic vapors under fire conditions			
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing			

CONTINUED ON REVERSE SIDE

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. EVIDENT Forensic Products & Crime Scene Supply, Incorporated shall not be held liable for any damage or injury to any party, or second party, or bystander resulting from the use, handling, or from contact with the above product.

## SECTION 5- HEALTH INFORMATION

### PRIMARY ROUTES OF EXPOSURE

Inhalation, ingestion, or absorption through skin

### SIGNS & SYMPTOMS OF EXPOSURE

#### 1: ACUTE OVEREXPOSURE:

May cause eye, skin, or respiratory irritation

#### 2: CHRONIC OVEREXPOSURE:

Irritant

### MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

May cause eye, skin, or respiratory irritation

### CHEMICAL /COMPONENT LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN:

None

### OTHER EXPOSURE LIMITS:

Not established

### EMERGENCY & FIRST AID PROCEDURES:

EYES: Flush with cool tap water for at least 15 minutes  
 SKIN: Wash thoroughly with warm water  
 RESPIRATORY: Remove to fresh air, if distress continues, administer oxygen and contact physician  
 INGESTION: Drink large amounts of water

IN ALL CASES IF IRRITATION OR DISTRESS PERSISTS, CONTACT PHYSICIAN OR NEAREST POISON CONTROL CENTER

## SECTION 6- REACTIVITY DATA

### STABILITY:

Stable

### CONDITIONS TO AVOID:

High Temperatures, Sources of ignition

### INCOMPATIBILITY (MATERIALS TO AVOID)

Strong Oxidizing Agents

### HAZARDOUS DECOMPOSITION PRODUCTS:

May produce toxic fumes of Carbon Monoxide, Carbon Dioxide, Nitrogen Oxides under fire conditions

### HAZARDOUS POLYMERIZATION:

Will not occur

### CONDITIONS TO AVOID (POLYMERIZATION)

Not applicable for polymerization

## SECTION 7- SPILL OR LEAK PROCEDURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS LEAKED OR SPILLED:

Eliminate all sources of ignition. Wear protective equipment. If dry powder- clean up spill in a manner to minimize dust.

### WASTE DISPOSAL METHOD:

Dispose of wastes in accordance with current Federal, State, and Local codes and guidelines.

## SECTION 8- PERSONAL PROTECTION INFORMATION

### RESPIRATORY PROTECTION:

Use NIOSH/MSHA Approved Nuisance Dust Respirator

### VENTILATION:

Room ventilation is expected to be adequate except during spills or fires.

### PROTECTIVE GLOVES:

Chemical resistant gloves

### EYE PROTECTION:

Suggested when the potential of splashes or contact with the eyes or face is possible

### OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

An eye wash fountain and safety shower should be readily available where the potential for splashes or eye contact with the reagent exists

## SECTION 9- SPECIAL PRECAUTIONS

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store and handle according to package and MSDS directions. Store in cool, well-ventilated area. Keep away from reactive materials and away from fire hazard or source of ignition.

### OTHER PRECAUTIONS:

Do not ingest, get in eyes, on skin, or on clothing. Avoid breathing dust or vapor. Wash thoroughly after handling.

IRRITANT- Treat as Nuisance Dust

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