

# Material Safety Data Sheet

## ULTRA BLACK-RED FLUORESCENT 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-Red 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/Red, SLED RED	

### 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, Red 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
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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

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## 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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