Material Safety Data Sheet

ULTRA BLACK-RED FLUORESCENT MAGNETIC LATENT POWDER

SECTION 1- IDENTITY						
NAME ADDRESS EVIDENT Forensic Products 739 Brooks Mill Road, Union Hall, VA 24176						
EVIDENT Forensic Products 739 Brooks Mill Road, Uni						
(800)576-7606 Bob Kopec (706)896-9742				January 1, 2013		
COMMON NAME (USED ON LABEL) Ultra-Black-Red Fluorescent Magnetic Latent Powder			CHEMICAL FAMILY: N/A (Chemical mixture)			
CHEMICAL NAME:	FORMULA: TRADE NAME & SYNONYMS:			, , ,		
Does Not Apply Does not apply Latent Fingerprint Powder-Ultra-Black/Red 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	
Treat as nuisance dust.						
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:	SPECIFIC GRAVITY:	VAPOR PRESSURE:		VAPOR DENSITY:		
N/A PERCENT VOLATILE (VOL)	SOLUBILITY (WATER)	N/A REACTIVITY IN WATER:		EVAPORATION RATE:		
0% Insoluble None N/A APPEARANCE AND ODOR:						
Fine Black Powder, Red under UV light						
SECTION 4- FIRE AND EXPLOSION DATA						
FLASH POINT: Not-combustible	AUTO IGNITION TEMPER Above 315C	ATURE	FLAMMABLE LIMITS IN LOWER: 122 g/ M3	N AIR (% by VOLUME) UPPER: N/A		
EXTINGUISHING MEDIA: Not combustible	7,0000000		1 2011 E. 122 g, 1110	011 Ett. 1471		
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.						

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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: CONDITIONS TO AVOID:

Stable 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: CONDITIONS TO AVOID (POLYMERIZATION)

Will not occur 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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