



SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Lightning® Redwop™ Fingerprint Powder		DATE: October 24, 2011	
PRODUCT NUMBER: 1-0050 (1003868), 1-0052 (1003869), 1-0054 (1003870), 1-0320 (1003997)			
TRADE NAME: Redwop Fluorescent Powder			
GENERAL USE: Latent Fingerprint Powder			
CHEMICAL FAMILY: organic-based powder			
PRODUCT DESCRIPTION: Fine, red powder with negligible odor			
MANUFACTURER Safariland LLC	DATE PREPARED: October 24, 2011	SUPERSEDES: July 22, 2011	
ADDRESS (NUMBER, STREET, P.O. BOX) 13386 International Parkway	TELEPHONE NUMBER FOR INFORMATION / Customer Service 800-347-1200		
(CITY, STATE AND ZIP CODE) Jacksonville, FL. 32218	COUNTRY USA	CHEMTEL 24-HOUR EMERGENCY TELEPHONE NUMBER  1-800-255-3924 01-813-248-0585 North America Toll Free International	

SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW		
MAY CAUSE IRRITATION TO EYES AND RESPIRATORY TRACT.		
POTENTIAL HEALTH EFFECTS		
INHALATION: May cause irritation to the respiratory tract. Symptoms may include coughing and shortness of breath.		
SKIN: No adverse effects expected		
EYES: May cause irritation, redness and pain.		
INGESTION: Product has low toxicity, but large doses may cause gastro-intestinal symptoms.		
CARCINOGENICITY:		
NTP? NO	IARC MONOGRAPHS? NO	OSHA REGULATED? NO
CALIFORNIA, Prop.65? NO		

SECTION 3 - HAZARDOUS INGREDIENTS

Hazardous Components	% (by Weight)	CAS #	EINECS #	Hazard Symbol	RISK PHRASES (Full Text Section 15)
Extender	80-90	NR	NR	None	None
Dyed Polymer	10-20	NR	NR	None	None

SECTION 4 - FIRST AID MEASURES

INHALATION: Remove victim to fresh air. Get medical attention for any breathing difficulty.
EYES: Flush with water for 15 minutes occasionally lifting the eyelids.
SKIN: Wash with soap and water.
INGESTION: If victim is alert, give 2-4 cupfuls of milk or water. Get medical attention if irritation or symptoms occur .

SECTION 5 - FIRE FIGHTING MEASURES

GENERAL HAZARDS: N/A
EXTINGUISHING MEDIA: N/A
FIRE FIGHTING PROCEDURES: Emergency responders should wear bunker gear and NIOSH or European EN-149 organic vapor respirators avoid exposure to decomposition products (29CFR 1910.156). Proper eye and skin protection should also be used. Fog nozzle and fine spray to prevent dusting.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Ignition may produce dense black smoke. This product may contain residual oxygenated volatiles which can further react and generate heat. It may not be obvious that material is burning unless it is stirred and sparks are apparent.
HAZARDOUS COMBUSTION PRODUCTS: Combustion produces major amounts of Carbon Monoxide, Carbon Dioxide, Smoke, Soot and minor amounts of Nitrogen oxides and Sulfur oxides.

MATERIAL SAFETY DATA SHEET

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SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Vacuum, sweep, or spray with water and collect in a suitable container. Recycle large spills if possible. Use dust mask if necessary.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Do not store above 120°F. Keep away from oxidizing agents.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

HAZARDOUS COMPONENTS	NIOSH				ACGIH		OSHA	
	TWA ppm	TWA mg/m ³	STEL ppm	STEL mg/m ³	TLV/TWA ppm	TWA mg/m ³	STEL ppm	PEL mg/m ³
Extender Dyed Polymer	10 mg/m³ is recommended by ACGIH for dust concentrations.							

PERSONAL PROTECTION

RESPIRATORY PROTECTION:

Not required in unconfined or well ventilated areas. Use NIOSH or E.U. EN149 standard approved respirators for areas where general ventilation is not possible.

PROTECTIVE GLOVES:

Gloves are advised for repeated or prolonged contact.

EYE PROTECTION:

Safety glasses or splash goggles for prolonged use.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Eye wash station in the event of eye contact with material.

WORK / HYGIENIC PRACTICES:

Employ good, industrial hygiene practices by using adequate ventilation and personal protection, as needed. Where dust cannot be controlled, personal respiratory protection should be employed.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR Fine, red powder with negligible odor.	VAPOR PRESSURE NE
pH NA	SPECIFIC GRAVITY (WATER = 1) NE
MELTING POINT NE	SOLUBILITY IN WATER Insoluble
FLASH POINT NE	VISCOSITY NA
FLAMMABLE LIMITS LEL: NE UEL: NE	VAPOR DENSITY (AIR = 1) NE
AUTOIGNITION TEMPERATURE NE	EVAPORATION RATE (WATER = 1) NE

SECTION 10 - STABILITY AND REACTIVITY

STABILITY STABLE X	CONDITIONS TO AVOID: Excessive heat, dusty conditions
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INCOMPATIBILITY (MATERIALS TO AVOID):

Strong oxidizers such as perchlorates, bromates, and nitrates, hydrofluoric acid.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Major amounts of Carbon Monoxide, Carbon Dioxide, Smoke, Soot and minor amounts of Nitrogen and Sulfur oxides.

HAZARDOUS POLYMERIZATION:

Will not occur.

CONDITIONS TO AVOID:

None related to polymerization.

SECTION 11 - TOXICOLOGICAL INFORMATION

Hazardous Components	CAS # EINECS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)
Extender	NR NR	NR	NR
Dyed Polymer	NR NR	NR	NR

