



SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Lightning® Greenwop™ Fluorescent Fingerprint Powder		DATE: July 22, 2011	
PRODUCT NUMBER: 1-0056 (1003872), 1-0057 (1003873), 1-0058 (1003874)			
TRADE NAME: Greenwop Fluorescent Powder			
GENERAL USE: Latent Fingerprint Powder			
CHEMICAL FAMILY: organic-based powder			
PRODUCT DESCRIPTION: Fine, green powder with negligible odor			
MANUFACTURER: Safariland LLC		DATE PREPARED: July 22, 2011	
ADDRESS (NUMBER, STREET, P.O. BOX) 13386 International Parkway		SUPERSEDES: July 25, 2008	
(CITY, STATE AND ZIP CODE) Jacksonville, FL. 32218		TELEPHONE NUMBER FOR INFORMATION / Customer Service 800-347-1200	
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	75-85	NR	NR	None	None
Dyed Polymer	15-25	NR	NR	None	None

Notes:

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.

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.

MATERIAL SAFETY DATA SHEET

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SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

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

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, green 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

SECTION 12 - ECOLOGICAL INFORMATION

No ecological information is available for this product.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:


Dispose of product waste as well as containers in accordance with all local, state and federal regulations.

SECTION 14 - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Not regulated for transport.	IATA HAZARD CLASS / Pack Group: Not regulated
DOT HAZARD CLASS / Pack Group: Not regulated for transport.	IMDG HAZARD CLASS: Not regulated
REFERENCE: 49 CFR	RID/ADR Dangerous Goods Code: Not regulated
UN / NA IDENTIFICATION NUMBER: Not regulated for transport.	UN TDG Class / Pack Group: Not regulated
LABEL: None	Hazard Identification Number (HIN): None
HAZARD SYMBOLS: None	

Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

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SECTION 15 - REGULATORY INFORMATION			
TSCA (USA - Toxic Substance Control Act):		Yes	
SARA TITLE III (USA - Superfund Amendments and Reauthorization Act):		No	
Acute Health: Yes		Chronic Health: Yes	
Fire: NO		Sudden Release of Pressure: NO	
Reactive: NO			
313 REPORTABLE INGREDIENTS:		No	
CERCLA (USA - Comprehensive Response Compensation and Liability Act):		Not listed.	
California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986:		Not listed.	
CPR (Canadian Controlled Products Regulations):		Not listed	
IDL (Canadian Ingredient Disclosure List):		Listed.	
DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List):		Components listed on DSL.	
EINECS (European Inventory of Existing Commercial Chemical Substances):		Referenced.	
WGK Water Quality Index:		1	
RISK PHRASES:	SYMBOL(S) REQUIRED FOR EU LABEL	SAFETY PHRASES:	
None listed	None listed	None listed	
SECTION 16 - OTHER INFORMATION			
Legend: NA= Not applicable, NE= Not established, ND= Not determined.			
HMIS HAZARD RATINGS	HEALTH:	1	0 = INSIGNIFICANT
	FLAMMABILITY:	1	1 = SLIGHT
	PHYSICAL HAZARD:	0	2 = MODERATE
	PERSONAL PROTECTIVE EQUIPMENT:	B	3 = HIGH
			4 = EXTREME
REVISION SUMMARY:			
Revised to E.U. protocols 7/22/2011 supersedes 7/25/2008 issue. JTV			
MSDS Prepared by: ChemTel Inc. 1305 North Florida Avenue Tampa, Florida USA 33602-2902 Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573 Website: www.chemtelinc.com			
<small>The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.</small>			