

Safety Data Sheet

LP Dual Use Fingerprint Powder

Section 1 - Company and Product Identification

Product name: LP Dual Use Fingerprint Powder
 Product number: 01940,01187,03511,05464,05481,05485,05511,
 05513,05515,30005,30044,30110,55588

General use: Reveal latent fingerprints

Product description: Grey/ black powder



LYNN PEAVEY COMPANY

Manufacturer's name: Lynn Peavey Company
 Date prepared: May 14, 2013
 Supersedes: All


Address: 10749 W. 84th Terrace St.
 Information number: 913-888-0600

City, State, Zip: Lenexa, KS 66214
 Emergency number: (800) 424-9300 (U.S. and North America)
 (703) 527-3887 (Outside - U.S. Collect Calls Accepted)

Section 2 - Hazard Identification

Classification of the substance or mixture: Skin, inhalation, and eye irritant

GHS label elements

Hazard Pictogram	
Signal word	Irritant
Hazard statements	H316 Causes mild skin irritation H320 Causes eye irritation P261 Avoid breathing dust/fume/gas/mist/vapors/spray P404 Store in a closed container
Precautionary statements	Avoid dust in eyes.
Prevention	Keep container lid closed
Response	No emergency response required
Storage	High temperature and high humidity storage may shorten the useful life of the product.
Disposal	Should be disposed of in accordance with local, state and federal regulations.
Other unclassified hazards	Avoid breathing dust.

Section 3 - Composition/Ingredient Identification

Hazardous Components	CAS#	EINECS#	% by weight	OSHA PEL ppm mg/mg/3	ACGIH TWA ppm mg/mg/3	RQ lbs.
Gum Arabic	9000-01-5	232-519-5	27.38	360 mg/m3	180 mg/m3	None
Carbon Black	1333-86-4	215-609-9	5.20	3.5 mg/m3	3.5 mg/m3	None
Mica	12001-26-2	310-127-6	58.78	3 mg/m3	3 mg/m3	None
Manganese Dioxide	1313-13-9	None	2.60	0.2 mg/m3	5 mg/m3	None
Aluminum	7429-90-5	231-072-3	6.00	15 mg/m3	10 mg/m3	None

There are no additional ingredients present which, in the knowledge of the supplier and in the present concentrations, are hazardous to the health or environment and therefore require reporting in this section.

Safety Data Sheet

LP Dual Use Fingerprint Powder

Section 4 - First Aid Measures

Description of necessary First Aid measures	
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids apart.
Skin contact	Flush skin with water for 15 minutes and remove contaminated clothing. Wash clothing before reuse.
Inhalation	Remove individual to fresh air. If not breathing, give artificial respiration or oxygen as appropriate. Seek medical attention if breathing becomes difficult.
Ingestion	No need for first aid is anticipated if a small amount of material is swallowed. See section 3. For large amounts, give 3-4 cups of water or milk. Never give anything by mouth to an unconscious person. In severe cases, do not induce vomiting. Call a physician.

Most important effects, symptoms – acute and delayed

Eye contact	Irritation on contact
Skin contact	Possible irritation. Seek medical attention if irritation continues.
Inhalation	Prolonged exposure may cause irritation.
Ingestion	Possible irritation. Seek medical attention if irritation continues.

Overexposure signs/symptoms

Eye contact	Irritation, redness
Skin contact	Irritation on contact
Inhalation	Coughing, gagging possible
Ingestion	Stomach discomfort. (Unlikely occurrence.)

Indications of need of medical attention and special treatment

Notes to Physician	Not needed unless large amounts inhaled or ingested
Specific treatments	Large amounts of ingested materials may need to be diluted with 3-4 cups of milk.
Protection of First Aid providers	None required.

See Section 11 – Toxicological Information

Section 5 - Fire Fighting Measures

Extinguishing media	
Suitable	Smother with dry powder or sand.
Unsuitable	Do NOT use water or halogenated extinguishing media.
Specific hazards	Moderate explosion hazard in the form of dust when exposed to flame or heat.
Hazardous thermal decomposition products	None
Special protective actions for fire fighters	None
Special protective equipment for fire fighters	None

Section 6 - Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures

Non-emergency personnel	No problems anticipated.
First responders	Not soluble in water.
Environmental procedures	These materials are not soluble in water. Contain all liquid for treatment and/or disposal.

Methods and materials for containment and clean up

Spill	Notify all downstream users of possible contamination. Avoid discharge into surface waters and storm sewers.
-------	--

Section 7 - Handling and Storage

Precautions for safe handling	Avoid creating or breathing dust. Empty containers may be discarded without hazard.
Conditions for safe storage; including incompatibilities	Keep container closed. Store in a cool area for longer useful product life.

Safety Data Sheet

LP Dual Use Fingerprint Powder

Section 8 - Exposure Controls/Personal Protection

Control parameters

Occupational exposure limits	General exhaust ventilation is usually enough.
Recommended monitoring procedures	None required.
Appropriate engineering controls	None required.
Environmental exposure controls	None required

Individual protection measures

Hygiene measures	None required
Eye/face protection	None required
Hand protection	None required
Body protection	None required
Other skin protection	None required
Respiratory protection	None required

Section 9 - Physical and Chemical Properties

Physical state	Powder
Color	Grey/ black
Odor	None
Odor threshold	Not determined
pH	Not Applicable
Melting point/freezing point	Not Applicable
Boiling point/range	Not Applicable
Flash point	Not Applicable
Evaporation rate	Not Applicable
Flammability (solid, liquid)	Will burn if ignited
Lower and upper explosive (flammable) limits	Not determined
Vapor pressure	Not determined
Vapor density	Not determined
Relative density	No data
Solubility	Not soluble in water
Partition coefficient: n octonal/water	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
SADT	Not determined
Viscosity	Powder

Section 10 - Stability and Reactivity

Reactivity	Stable
Chemical stability	Solvents may soften or dissolve filler. Water, acids and alkalis will react with metal powder.
Possibility of hazardous reactions	Very low.
Conditions to avoid	High temperature and high humidity storage may shorten the useful life of the product.
Incompatible materials	None
Hazardous decomposition products	None

Safety Data Sheet

LP Dual Use Fingerprint Powder

Section 11 - Toxicological Information

Section 11 - Toxicological Information					
Information on toxicological effects					
Acute toxicity					
Ingredient name	Result	Species	Dose	Exposure	
Gum Arabic	Minor irritation	Rat	>16001 mg/kg	Oral	
Carbon Black	Minor irritation	Rat	>10000 mg/kg (rat)	Oral	
Mica	Minor irritation	Rabbit	>10g/kg	Oral	
Manganese Dioxide	Minor irritation	Rat	>15400 mg/kg	Oral	
Aluminum	Not determined	None	Not Determined	None	
Product Irritant/Corrosion					
Product name	Result	Species	Dose	Exposure	Observation
Mica	Minor irritation	Rabbit	10g/kg	Oral	None
Sensitization				None found for any ingredient	
Mutagenicity				None found for any ingredient	
Carcinogenicity				None found for any ingredient	
Reproductive toxicity				None found for any ingredient	
Teratogenicity				None found for any ingredient	
Specific target organ toxicity (single exposure)				None found for any ingredient	
Specific target organ toxicity (repeated exposure)				None found for any ingredient	
Aspiration hazard				Dust is considered a nuisance.	
Likely routes of exposure				Inhalation, skin contact	
Potential acute health effects					
Eye contact	Irritation				
Skin contact	Irritation				
Inhalation	Dust is considered a nuisance.				
Ingestion	None				
Symptoms related to the physical, chemical, and toxicological characteristics					
Eye contact	Irritation				
Skin contact	Irritation				
Inhalation	Dust is considered a nuisance.				
Ingestion	None				
Delayed and immediate effects, chronic effects from long and short term exposure					
Short term exposure					
Possible immediate effects	Irritation				
Possible delayed effects	None				
Long term exposure					
Possible immediate effects	Irritation				
Possible delayed effects	None				
Potential chronic health effects					
General	None				
Carcinogenicity	None				
Mutagenicity	None				
Teratogenicity	None				
Developmental effects	None				
Fertility effects	None				
Numerical measures of toxicity					
Acute toxicity estimates					
Route	ATE value				
None	None				
None	None				

Safety Data Sheet

LP Dual Use Fingerprint Powder

Section 12 - Ecological Information

Toxicity			
Ingredient name	Result	Species	Exposure
Gum Arabic	Minor irritation	Rat	16001 mg/kg
Carbon Black	Minor irritation	Rat	10000 mg/kg (rat)
Mica	Minor irritation	Rabbit	10g/kg
Manganese Dioxide	Minor irritation	Rat	>15400 mg/kg
Aluminum	Not determined	None	Not Determined
Persistence and degradability			
No data			
Bio accumulative potential			
Product/ingredient name	LogP _{ow}	BCF	Potential
Aluminum	No Data	No Data	No Data
Manganese Dioxide	No Data	No Data	No Data
Mobility in Soil			
Soil/water partition coefficient (K _{oc})	None		
Other adverse effects	None		

Section 13 - Disposal Considerations

Disposal methods	Dispose of according to local, state, and federal regulations.
-------------------------	--

Section 14 - Transportation Information

DOT	
UN number	Not regulated
UN proper shipping name	Not applicable
Transport Hazard Class(es)	None
Packing group	None
Environmental hazards	None
Special user precautions	None
Additional Information	None

Section 15 - Regulatory Information

Safety, health and environmental regulations specific to this product	None
US Federal regulations	None applicable
Clean Air Act – Section 112 Hazardous Air Pollutants (HAPs)	None
Clean Air Act - Section 602 Class I substances	None
Clean Air Act- Section 602 Class II substances	None
DEA list I chemicals (precursor chemicals)	None
DEA list II chemicals (essential chemicals)	None

State regulations (Right to Know)		
Massachusetts	On list: Aluminum, Carbon Black, Gum Arabic, Manganese Dioxide, Mica	CAS#: 231-072-3, 1333-86-4, 9000-01-5, 1313-13-9, 12001-26-2
New York	On List: Aluminum, Manganese Dioxide	CAS#: 231-072-3, 1313-13-9
New Jersey	On list: Aluminum, Carbon Black, Mica	CAS#: 231-072-3, 1333-86-4, 12001-26-2
Pennsylvania	On list: Aluminum, Carbon Black, Manganese Dioxide, Mica	CAS#: 231-072-3, 1333-86-4, 1313-13-9, 12001-26-2
California Prop. 65	On list: None	CAS#: None

Safety Data Sheet

LP Dual Use Fingerprint Powder

Section 16 - Other Information

History

Date of Issue	May 14, 2013
Version	2
Prepared by	Solvent Engineering, 2455 N., Tamarack Trail, #126 Bloomington IN, 47408

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 this product. Users are advised to **confirm in** advance of need that information is current, applicable and suited to the circumstances of use. Lynn Peavey Company assumes no responsibility for injury to vendee or third persons proximately caused by the material since conditions of use are beyond vendor's control. Furthermore, vendor assumes no responsibility for injury caused by since conditions of use are beyond vendor's. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.