

# Safety Data Sheet



**Lynn Peavey Company**  
**10749 W. 84th Terrace**  
**Lenexa, KS 66214**

## 1. Identification

Product Name:	Lynn Peavey Silver Grey Electric Fingerprint Powder 01201	MSDS Number:	LP SGEFP 01201
Item number:	See "Product Codes"	Product Codes:	01201, 06558, 06561, 06562, 30092, 55592, 65580
Product use:	Helps reveal fingerprints.	Phone:	913-888-0600
Chemical Family or Formula:	Mixture	Fax:	913-495-6757
Supplier:	Lynn Peavey Company 10749 W. 84th Terrace Lenexa, KS 66214	Email:	lpv@peaveycorp.com
Product Information:	913-888-0600		
Transportation Emergency::	800-424-9300 (U.S. and North America) (703) 527-3887 (Outside U.S. collect calls accepted)		

## 2. Hazard(s) identification

GHS Classification in accordance with 29 CFR 1910.1200:

None: Hazards do not reach threshold required for least severe of any category.

GHS Label elements, including precautionary statements

Signal word: None (Hazards do not reach threshold required for least severe category.)

Pictogram: None (Hazards do not reach threshold required for least severe category.)

Hazard statements:

No standard statements apply.

Precautionary statements:

P281 Use personal protective equipment as required.

P308 + P313 If exposed or concerned: Get medical advice/ attention.

P501 Dispose of contents/ container to an approved waste disposal plant.

Hazards not otherwise classified because of dilute nature of ingredients:

May heat if small amount of water is added due to reactive aluminum powder.

Titanium dioxide is a suspected carcinogen.

## 3. Composition / Information on ingredients

Chemical identity:	Corn starch	50-60%
Common name:	Corn starch	
Numbers of identity:	CAS 8050-09-7	EC 232-475-7
Chemical identity:	Aluminum powder	5-10%
Common name:	Aluminum powder or flake	
Numbers of identity:	CAS 7429-90-5	
Chemical identity:	Titanium (IV) oxide	11.6-17.4%
Common name:	Titanium dioxide	
Numbers of identity:	CAS 13462-67-7	EC 236-675-5
Chemical identity:	Graphite	8.4-12.6%
Common name:	Graphite	
Numbers of identity:	CAS 7782-42-5	EC 231-955-3

Additional ingredients are not hazardous.

## Safety Data Sheet

### 4. First-aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of danger.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed: Severe eye irritation.

Indication of any immediate medical attention and special treatment needed when necessary: No data.

### 5. Firefighting measures

Suitable extinguishing media: Product is not flammable. Use media appropriate to main cause of fire.

Examples: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture: More iron oxides formed.

Advice for firefighters: Wear self contained breathing apparatus for fire fighting if necessary.

### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wear respiratory protection. Avoid dust formation. Avoid breathing dust if developed.

Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental precautions

Prevent more spillage if safe to do. Avoid discharge into drains and the environment.

Arrange pick up and disposal without creating dust. Sweep up or shovel.

Store in a suitable, closed container for disposal or reclaim. For disposal see section 13.

### 7. Handling and storage

Handling: Avoid contact with skin and eyes. Avoid formation of dust and aerosols.

Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.

Storage: Keep container tightly closed in a dry place.

### 8. Exposure controls / personal protection

Information on the system design:

Product is intended for external use only. Stay up wind, out of any dust developed.

Exposure Limits:

Reference 29CFR 1910.1000 Table Z-1

Component Name, CAS#

ACGIH

OSHA

Titanium dioxide CAS 13462-67-7

10 mg/m<sup>3</sup>

15 mg/m<sup>3</sup>

Graphite CAS 7782-42-5

2 mg/m<sup>3</sup>

10 mg/m<sup>3</sup>

Personal protective equipment (as appropriate):

Respiratory protection: No requirement anticipated.

Hand protection: Rubber gloves.

Eye protection: Safety glasses with side-shields.

Skin and body protection: Chemical resistant apron or protective suit if splashing or repeated contact with solution is likely.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

Wash hands and face before breaks and immediately after handling the product.

## Safety Data Sheet

### 9. Physical and chemical properties

Appearance:	Grey powder	
Odor:	Slight, pungent	
Odor threshold:	Not available	
pH-value:	Not applicable	
Melting point:	Not available	
Freezing Point:	Not available	
Initial boiling point:	Not available	
Flash point:	Does not flash.	Relative density (water=1.00): Not available
Evaporation rate:	Not applicable	Solubility: Totally soluble in water at 20°C
Flammability (solid, gas):	Not applicable	Partition coefficient: Log Kow = Not applicable to mixture.
Explosion limits:	Not explosive	Auto-ignition temperature: Not available
Vapor pressure:	Not available	Decomposition temperature: Not available
Vapor density:	Not available	Viscosity: Powder

### 10. Stability and reactivity

Chemical stability: No decomposition, if used according to specifications.  
 Possibility of hazardous reactions: None known.  
 Conditions to avoid: No dangerous conditions known.  
 Materials to avoid: None known.  
 Hazardous decomposition products: None are known. Also see Section 5.

### 11. Toxicological information

Acute Toxicity: No information available for finished product.

Test	Titanium dioxide CAS 13462-67-7	Graphite CAS 7782-42-5
Oral Toxicity LD 50 (Rats)	>10,000 mg/kg	>2,000 mg/kg
Dermal Toxicity LD 50 (Rabbit)	>10,000 mg/kg	No data
Inhalation Toxicity, LC50	No data	2,000 mg/m <sup>3</sup> 4h
Eye Irritation (Rabbit)	No eye irritation	None
Dermal Irritation (Rabbit)	Mild- 3h	None
Germ cell mutagenicity:	No data	Negative

Carcinogenicity:

No component of this product present at levels equal to or greater than 0.1% is identified as probable, possible or confirmed human carcinogen by NTP, IARC, OSHA, or ACGIH

Signs and Symptoms of Exposure:

Material is irritating to tissue of the mucous membranes and upper respiratory tract, eyes, and skin. Symptoms may include: skin or eye irritation.

### 12. Ecological information

There is no ecological information available for the product.

#### Titanium dioxide

Toxicity to fish LC50 - other fish - > 1,000 mg/l - 96 h

Toxicity to daphnia and EC50 - Daphnia magna (Water flea) - > 1,000 mg/l - 48 h  
 other aquatic invertebrates

EC0 - Daphnia magna (Water flea) - 1,000 mg/l - 48 h

#### Graphite

Toxicity to fish LC50: Danio rerio (zebra fish) - > 100 mg/l - 96 h

Toxicity to daphnia EC50: Daphnia magna (Water flea) - > 100 mg/l - 48 h

## Safety Data Sheet

### 12. Ecological information (continued)

**Product:** No data available.  
 Persistence and degradability:  
 The methods for determining the biological degradability are not applicable to inorganic substances.  
 Bioaccumulative potential: No data available  
 Mobility in soil: No data available  
 Results of PBT and vPvB assessment: Not available  
 Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life.

### 13. Disposal considerations

Dispose in accordance with local, state and federal regulations.  
 Dispose of contaminated packaging as unused product.

### 14. Transport information

DOT (US) Not dangerous goods  
 IMDG Not dangerous goods  
 IATA Not dangerous goods

### 15. Regulatory information

Inventory Status:  
 All components are on TSCA, EINECS/ELINCS, AICS, and DSL.

**U.S. Regulations:**

U.S. Superfund Amendments and Reauthorization Act (SARA) Title III:

SARA (311/312) HAZARD CATEGORIES:

None

SARA 313: This product contains the following SARA 313 Toxic Release Chemicals.

Chemical Name	CAS Number	Concentration
None	Not applicable	Not applicable

The following product components are cited on the lists below:

Chemical Name	CAS Number	Right to Know (RTK) List Citations
Titanium dioxide	CAS 13462-67-7	MA, PA, NJ
Graphite	CAS 7782-42-5	MA, PA, NJ

California Proposition 65

WARNING: This product may contain a chemical known to the State of California to cause cancer and birth defects or other reproductive harm: Titanium dioxide CAS 13462-67-7

Titanium dioxide, nanoparticles range in size from 1 to 150 nm

### 16. Other information

SDS Preparation date: January 23, 2015

Hazard Categories:	Health	Fire	Pressure	Reactivity	Reference
Immediate	Yes	No	No	No	49 CFR 171.8, OSHA 29 CFR 1910.1200 and SARA 302/311/312/313.
Delayed	No	No	XXX	XXX	

HMIS Hazard ratings: Health 1 Fire 0 Instability 0 Other B (Goggles, gloves)

Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4

HMIS® is a registered trade and service mark of the NPCA.

Note: The information in this SDS was obtained from current reputable and competent sources.

However, the data is provided without warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product and to assume liability for loss, injury, damage or expense resulting from improper use of this product.

## Safety Data Sheet

This SDS contains all the information required for classification by the Canadian CPR.

This SDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is a greater potential for large-scale or prolonged exposure, in accordance with requirements of the U.S. Government's Occupational Safety and Health Administration (OSHA). It is not applicable for consumer use of our products. For consumer use, all precautionary and first aid language is provided on the product label in accordance with the applicable government regulation.