



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

### 1. Identification

|                             |  |                |                            |
|-----------------------------|--|----------------|----------------------------|
| Product Name:               | Lynn Peavey Grey Fingerprint Powder                  | MSDS Number:   | LP GFP                     |
| Item number:                | See "Product Codes"                                  | Product Codes: | 01182, 01942               |
| Product use:                | Helps reveal fingerprints.                           |                | 05482, 05484, 05501, 05503 |
| Chemical Family or Formula: | Mixture  |                | 05505, 30007, 56019        |
| Supplier:                   | Lynn Peavey Company                                  | Phone:         | 913-888-0600               |
|                             | 10749 W. 84th Terrace                                | Fax:           | 913-495-6757               |
|                             | 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:  
Carcinogenicity (Category 2), H351 Suspected of causing cancer.  
GHS Label elements, including precautionary statements  
Pictogram



Signal word: Warning

Hazard statements:

H351 Suspected of causing cancer.

Precautionary statement(s)

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

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.

### 3. Composition / Information on ingredients

|                      |                                     |              |
|----------------------|-------------------------------------|--------------|
| Chemical identity:   | Titanium (IV) oxide                 | 58%          |
| Common name:         | Titanium dioxide                    |              |
| Numbers of identity: | CAS 13462-67-7                      | EC 236-675-5 |
| Chemical identity:   | Graphite                            |              |
| Common name:         | Graphite                            |              |
| Numbers of identity: | CAS 7782-42-5                       | EC 231-955-3 |
| Impurities:          | None which influence classification |              |

### 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.

**4. First-aid measures (continued)**

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

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

Handle in accordance with good industrial hygiene and safety practice.

**9. Physical and chemical properties**

|                            |                 |   |
|----------------------------|-----------------|---|
| Appearance:                | Grey powder     |   |
| Odor:                      | Nil             |   |
| 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<br>CAS 13462-67-7 | Graphite<br>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

**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: October 9, 2014

| Hazard Categories:   | Health | Fire | Pressure | Reactivity | Reference 49 CFR 171.8,<br>OSHA 29 CFR 1910.1200 and<br>SARA 302/311/312/313. |
|--|--------|------|----------|------------|---|
| Immediate  | Yes    | No   | No       | No         |   |
| 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            |        |      |          |            |   |

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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.