

## SAFETY DATA SHEET – GRAPHITE POWDER

### 1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY

<b>Product Name / Code:</b>	Graphite Powder, PATGP0200, PATGP2400
<b>REACH Key Notes:</b>	N/A
<b>Application of Substance:</b>	Graphite powder is a crystallised form of carbon. This Flints Graphite Powder is particularly fine and is warm grey in colour. It is excellent for lubricating lock mechanisms. It can also be used as a powder with polyester resins to give an aged metallic effect. Do not use graphite powder near electrical equipment such as weighing scales, calculators and computers as it may cause short circuits.
<b>Company:</b>	Flints Theatrical Chandlers Ltd Unit 9 Deptford Trading Estate Blackhorse Road SE8 5HY
<b>Telephone:</b>	+44 (0) 20 7703 9786
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Telephone operated from 08:30 – 17:30 Monday to Friday, 09:00 – 14:00 Saturday.  
In an emergency, seek advice from a medical professional.

### 2. HAZARDS IDENTIFICATION

This product has no classification under CLP.

This product has no label elements.

This product is not identified as a PBT/vPvB substance.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical identity is Graphite (Carbon) (\*WEL).

### 4. FIRST AID MEASURES

<b>Eyes:</b>	Bathe the eye with running water for 15 minutes. There may be irritation and redness.
<b>Skin:</b>	Wash immediately with plenty of soap and water. There may be mild irritation at the site of contact.
<b>Ingestion:</b>	Wash out mouth with water. There may be irritation of the throat.
<b>Inhalation:</b>	Consult a doctor. There may be irritation of the throat with a feeling of tightness in the chest.

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**5. FIRE FIGHTING MEASURES**

- Extinguishing Media:** Suitable extinguishing media for the surrounding fire should be used.
- Exposure Hazards:** In combustion emits toxic fumes.
- Advice for Fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**6. ACCIDENTAL RELEASE MEASURES**

- Personal Precautions:** Refer to section 8 of SDS for personal protection details.
- Environmental Precautions:** Do not discharge into drains or rivers.
- Clean-up Procedures:** Use industrial vacuum cleaner to remove material.

**7. HANDLING AND STORAGE**

- Avoid the formation or spread of dust in the air.
- Keep container tightly closed.

**8. EXPOSURE CONTROL / PERSONAL PROTECTION**

- Hazardous Ingredients:** Graphite (Carbon)
- Workplace Exposure Limits:** Respirable Dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	-	-	6 mg/m <sup>3</sup>	-

- DNEL / PNEC:** No data available
- Engineering Measures:** Ensure there is sufficient ventilation of the area.
- Respiratory Protection:** Respiratory protective device with particle filter.
- Hand Protection:** Protective gloves.
- Eye Protection:** Safety glasses. Ensure eye bath is to hand.
- Skin Protection:** Protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- State:** Powder
- Colour:** Black
- Odour:** Odourless
- Evaporation Rate:** No data available.
- Oxidising:** No data available.
- Solubility In Water:** No data available.
- Viscosity:** No data available.

Boiling Point/Range °C:	No data available.
Flammability limits %: lower:	No data available.
Flash Point °C:	No data available.
Autoflammability °C:	No data available.
Relative density:	2.25 g/cm <sup>3</sup>
VOC g/l:	No data available.
Melting point/range °C:	No data available.
Part.coeff. n-octanol/water:	No data available.
Vapour pressure:	No data available.
pH:	No data available.

#### 10. STABILITY AND REACTIVITY

Reactivity:	Stable under recommended transport or storage conditions.
Chemical Stability:	Stable under normal conditions.
Hazardous Reactions:	Hazardous reactions will not occur under normal transport or storage conditions.
Conditions to Avoid:	Heat
Materials to Avoid:	N/A
Haz. Decomp. Products:	In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

#### 11. TOXICOLOGICAL INFORMATION

Toxicity Values:	No data available.
Skin contact:	There may be mild irritation at the site of contact.
Eye contact:	There may be irritation and redness.
Ingestion:	There may be irritation of the throat.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest.

#### 12. ECOLOGICAL INFORMATION

Not biodegradable.

This product is not identified as a PBT/vPvB substance.

#### 13. DISPOSAL INFORMATION

Transfer to a suitable container and arrange for collection by specialised disposal company. NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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#### 14. TRANSPORT INFORMATION

This product does not require a classification for transport.

#### 15. REGULATORY INFORMATION

No specific regulations.

#### 16. OTHER INFORMATION

This data sheet is provided under CLP and REACH Regulation and is not intended to constitute an assessment of work place risk associated with product(s) used as required under any other Health and Safety Regulation.

**Date of Issue:** 02/08/2019

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