

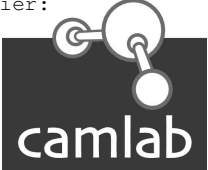
1. Identification

Product Code **1111180**

Product Name **GRAPHITE SYNTHETIC POWDER**

CAS Number **7782-42-5**

Supplier: **CAMLAB LIMITED**



**Norman Way Industrial Estate
Over
Cambridge
England
CB4 5WE**

Phone **01954 233110**

Fax **01954 233101**

Emergency Telephone **08:00-17:00 01954 233110**
24hr 112
(Have this document to hand)

2. Composition

Component	CAS No	EEC No	Conc w/w	Classification & Risk Phrases	Exp (See 8.1)
Graphite, respirable dust	7782-42-5	231-955-3	> 99.0%	None	WEL

3. Hazards Identification

Not considered harmful

4. First Aid Measures

Eyes Irrigate thoroughly with plenty of water for at least 10 minutes, holding the eye open. OBTAIN MEDICAL ATTENTION.

Skin Wash off skin thoroughly with water. Remove contaminated clothing immediately and wash before re-use.

Inhalation Remove from exposure, wearing protective clothing and breathing apparatus if necessary.

Ingestion Wash out the patients mouth thoroughly with water.

5. Fire Fighting Measures

Hazards Presents no specific fire danger.

Extinguishing Media Water spray.

Unsuitable Media Nothing specified.

6. Accidental Release Measures

Personal Protection Avoid breathing dust-wear respiratory protective equipment.

Environmental Presents no major environmental hazard.

Major Spillage Shovel/sweep up into container for removal Wash area down with copious amounts of water.

Minor Spillage Wash area down with copious amounts of water.

7. Storage & Handling

Handling Precautions	Avoid contact with skin and eyes. Do not breath dust. Do not allow to contaminate clothing. Ensure Local Exhaust Ventilation maintains dust concentrations to a minimum.
Storage Conditions	Well ventilated, cool, dry storage .

8.1 Workplace Exposure Limits

Workplace Exposure Limits	Long Term (8hr TWA):	-	ppm	10.00	mg m-3
	Short Term (15min Period):	-	ppm	-	mg m-3

8.2 Personal Protection

Respiratory	If process creates significant amounts of dust use L.E.V. or wear suitable dust mask.
Hands	Wear gloves.
Eyes	Use chemical splash proof glasses or goggles.
Skin	Avoid contact with skin. If skin contact or contamination of clothing is likely, protective clothing must be worn.

9. Physical & Chemical Properties

Appearance	Black powder.
Odour	No specific odour.
pH	Not available
Boiling point	Not available
Melting point	3800.0 °C
Flash point	Not available
Upper Flammable Limit	Not available
Lower Flammable Limit	Not available
Auto Ignition	Not available
Explosive properties	No.
Oxidising Properties	No.
Vapour Pressure	Not available
Relative Density	Not available
Water Solubility	Insoluble in water.

10. Stability & Reactivity

Chemical Stability	Stable under normal conditions
Conditions to Avoid	No specific conditions.
Materials to Avoid	No specific conditions.
Hazardous	None unusual.
Decomposition Products	

11. Toxicological Information

Eyes	Contact with the solid or dust will be irritating to the eyes.
Skin	Contact with the solid or dust may be irritating to the skin.
LD50 Skin	Not available
Ingest	Low order of acute toxicity.
LD50 Ingest	Not available
Inhalation	Inhalation of dust will produce irritation of the eyes, nose, throat and respiratory tract. Prolonged exposure to dust or fume concentrations above the occupational exposure limits may result in graphite pneumoconiosis.
Carcinogenicity	Not considered to be a carcinogen.
Mutagenicity	Not considered to be a mutagen.

11. Toxicological Information (continued)

Reproductive Effects None identified.

12. Ecological

No specific environmental hazard.

13. Disposal Considerations

Disposal Methods Do not dispose of as domestic waste.

Contaminated Packaging Wash out containers with water.

14. Transport Information

Proper Shipping Name Non-restricted
UN Number Non-restricted
UN Classification None
Subsidiary Risk None
Flash Point Not available
Packing Group None
Transport Category None
Marine pollutant No
ADR Hazard ID Non-restricted

15. Regulatory Information

Labelling None
Classification

Label Symbols None

Risk & safety Phrases None

EEC Number 231-955-3

16. Other Information

Document Information This document has been prepared in accordance with directive 88/379/EEC.

The information contained in this document only covers the hazards presented by this material, it DOES NOT constitute a workplace risk assessment.

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