

**Carl Kammerling International Ltd**  
MATERIAL SAFETY DATA SHEET

**1. Identification of the substance / preparation and of the company**

**Product:** K30050 Natural Graphite GP 80/85

**Supplier:** Carl Kammerling International Ltd

C.K House, Pwllheli. LL53 5LH

**Tel:** +44 (0) 1758 701070

**Fax:** +44 (0) 1758 704777

**Emergency Tel:** +44 (0) 1758 701070

**Type:**

**Intended use:**

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**2. Composition/information on ingredients:**

Natural Graphite

CAS-No: 7782-42-5

EINECS-No: 2319553

B.A.T.: 250410 00 9

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**3. Hazards identification:**

No special hazards known.

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**4. First aid measures:**

**Inhalation:**

Remove from dust area – fresh clean air.

**Eye contact:**

Wash with clean water.

**Skin contact:**

Wash with soap and water.

**Ingestion:**

Drink water.

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**5. Fire fighting measures:**

Extinguishing Media:

Suitable: CO<sub>2</sub> – dry chemical - Foam

Unsuitable Extinguishing Media: Full jet of water

Dangerous fumes in the cases of fire: Carbon oxides.

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**6. Accidental release measures:**

Personal Precautions:

Spillages:

Sweep up and shovel into suitable containers for disposal.

Graphite is also a lubricant and spillage could make the floor slippery.

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**7. Handling and storage:**

**Handling:**

As required for working conditions with dust.

Keep dust to a minimum. Dust collectors should be used in all work areas.

**Storage:**

Keep dry.

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**8. Exposure controls / personal protection:**

Limit values related to the work environment.

**Maximum Exposure Limit:**

6mg/m<sup>3</sup> total inhale dust.

1.5mg/m<sup>3</sup> of respirable dust.

**Personal protection:** When over M.E.L.

**Respiratory protective equipment:** Respirator with particle filter.

**Hand protection:** Works gloves

**Eye protection:** Safety glasses.

**Ventilation requirements:** Supply fresh moving air.

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**9. Physical and chemical properties:**

<b>Physical state:</b>	Solid
<b>Colour:</b>	Grey - Silvery
<b>Odour:</b>	Odourless
<b>Melting Point (°C)</b>	Sublimation over 3700
<b>Flash point: (PMCC)(°C)</b>	N/A
<b>Viscosity:</b>	

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**PH:** Neutral  
**Density (KG/M3):** 2,26g/cm<sup>3</sup>  
**Water solubility (KG/M3):** Insoluble  
**Product Flammability class:** N/A

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**10. Stability and reactivity:**

Conditions to avoid: N/A

Materials to avoid: N/A

Hazardous decomposition products: N/A

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**11. Toxicological information:**

Toxicological data are not available.

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**11. Ecological information:**

Natural graphite is chemically inert and does not affect ecology.

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**13. Disposal considerations:**

Dispose of in accordance with local, state and federal regulations.

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**14. Transport information:**

Not a dangerous good in the meaning of the transport regulation.

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**15. Regulatory information:**

**Hazard symbol:** No label required.

**Application restrictions:**

Existing national and local regulations applicable to chemical products have to be observed.

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**16. Other information:**

Graphite is electrically conductive and could cause shorting of electrical equipment.

In accordance with revision 93/112/EG and 2001/58/EG.

The information contained in this safety data sheet is based on the present state of knowledge and current EC and Danish legislation.

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The product should not be used for purposes other than those shown in section 1.

As the specific conditions of use of the product are outside the suppliers' control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information in this safety data sheet provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical particular or suitable for particular applications.

In case of medical attention, bring this safety data sheet.