



# MATERIAL SAFETY DATA SHEET

## **CARBON & GRAPHITE POWDERS & CEMENT**

|                     |   |                     |   |
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### SECTION I - Identification of the Substance/Preparation

|        |   |
|--------|---|
| Grades | SYN6<br>PWD/CK-200<br>50M<br>1200M<br>406<br>General Graphite & Carbon Powders from r/c powder/lump |
|--------|---|

### SECTION II - Manufacturer's Information

|                   |                              |
|-------------------|------------------------------|
| Manufacturer Name | Coidan Graphite Products Ltd |
| Street            | Station Road                 |
| Address2          | Kirk Hammerton               |
| Address 3         | YORK                         |
| Country           | UK                           |
| Post Code         | YO26 8DQ                     |
| Emergency Phone   | (01423) 330492               |
| Information Phone | (01423) 330492               |

## SECTION III - Composition/Components

|                            |  |
|----------------------------|--|
| Chemical Characterisation: | PRODUCT/MATERIAL BASED ON CARBON AND/OR GRAPHITE         |
| Hazardous Ingredients:     | NO INGREDIENT IS CLASSIFIED HAZARDOUS ACC. TO 57/548/ECC |
| Additional Information:    | NONE   |

## SECTION IV - Possible Hazards

|  |      |
|--|------|
| Information on particular hazards to human and environment | NONE |
|--|------|

## SECTION V - First Aid Measures

|                                      |   |
|--------------------------------------|---|
| General Information:                 | NONE  |
| After Inhalation:                    | AFTER INHALATION OF SIGNIFICANT QUANTITIES OF DUST, TAKE AFFECTED PERSON TO FRESH AIR |
| After Skin Contact:                  | NONE  |
| After Eye Contact:                   | RINSE WITH PLENTY OF WATER  |
| After Ingestion:                     | DRINK WATER   |
| Particular Advice for the Physician: | NONE  |

## SECTION VI - Fire-Fighting Measures

|  |   |
|--|---|
| Suitable Extinguishing Media:  | FOAM, SAND, CARBON DIOXIDE, DRY POWDER, WATER DRIZZLE, WATER MIST   |
| Unsuitable Extinguishing Media (for safety reasons):   | DIRECT WATER SPRAY, HALONES   |
| Particular risk arising from the substance/preparation itself, its combustion products or from formed Gases: | DUST MAY GLOW IN OXYGEN CONTAINING ATMOSPHERE ABOVE 350°C. DURING GLOWING, AND IN CASE OF FIRE, CO/CO <sub>2</sub> IS GENERATED RESULTING IN THE POSSIBLE RELEASE OF SO <sub>2</sub> /SO <sub>3</sub> |
| Special Protection Equipment needed for fire-fighting:   | NONE. IN CASE OF INSUFFICIENT VENTILATION, USE RESPIRATION EQUIPMENT TO PREVENT THE INHALATION OF CO/CO <sub>2</sub>  |

## SECTION VII - Measures in case of Accidental Release

|                                |   |
|--------------------------------|---|
| Personal Precautions:          | IF NEEDED, PROTECTION MASK (DUST OR HALF MASK P1) – NOTE FFP2(S) MASK IS SUITABLE |
| Environmental Precautions:     | NONE  |
| Methods for Cleaning/Taking up | REMOVE MECHANICALLY   |
| Additional Information:        | NONE  |

## SECTION VIII - Handling and Storage

### Handling:

|  |                       |
|--|-----------------------|
| Advice on safe handling:                         | NONE                  |
| Advice on protection against fire and explosion: | NONE IF PROPERLY USED |

### Storage:

|   |      |
|---|------|
| Requirements on Storage and Tanks:            | NONE |
| Advice on storage assembly:                   | NONE |
| Additional information on storage conditions: | NONE |

## SECTION IX - Exposure limitations and personal protection equipment

Measures for limitation and monitoring of exposure: IF DUST FORMS, ENSURE GOOD VENTILATION IN THE WORK AREA

Additional advice on the design of technical equipment: NONE

### Ingredients with occupational exposure limits to be monitored:

|                   |                                |
|-------------------|--------------------------------|
| CAS No.           | 007782-42-5                    |
| Name of Substance | CARBON OR GRAPHITE (FINE DUST) |
| Type              | MAK                            |
| Value             | 6                              |
| Unit              | MG/M <sup>3</sup>              |
| Additional Advice | NONE                           |

### Personal Protective Equipment:

|  |                                  |
|--|----------------------------------|
| General protective and hygiene measures: | NONE                             |
| Respiratory Protection:                  | P1 MASK, IF DUST IS FORMED       |
| Hand protection:                         | NONE                             |
| Eye Protection:                          | SAFETY GLASSES IF DUST IS FORMED |
| Body Protection:                         | NONE                             |

## SECTION X - Physical and Chemical Properties

|         |            |
|---------|------------|
| Form:   | POWDER     |
| Colour: | GREY/BLACK |
| Odour:  | NONE       |

### Data relevant to safety:

|                        |                |
|------------------------|----------------|
| Softening point        | NOT APPLICABLE |
| Boiling point/range    | NOT APPLICABLE |
| Ignition temperature:  | NOT APPLICABLE |
| Self ignitability:     | NONE (**)      |
| Inflammable properties | NONE           |
| Explosive risk:        | NONE (**)      |

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|                              |                                    |
|------------------------------|------------------------------------|
| Explosion limits: upper      | NOT APPLICABLE                     |
| Explosion limits: lower      | NOT APPLICABLE                     |
| Vapour pressure: at 20°C     | NOT APPLICABLE                     |
| Density: at 20°C             | APPROX. 1,4-2, 1 G/CM <sup>3</sup> |
| Solubility: in water at 20°C | NONE                               |
| PH-Value:                    | NOT APPLICABLE                     |
| Partition coefficient:       |                                    |
| n-octanol/water              | NOT APPLICABLE                     |
| Viscosity:                   | NOT APPLICABLE                     |
| Additional information:      | NONE                               |
| Remarks:                     | (**) IF PROPERLY USED AND STORED   |

## SECTION XI - Stability and Reactivity

|  |   |
|--|---|
| Conditions to be avoided:              | NONE  |
| Contact with substances to be avoided: | NONE  |
| Hazardous decomposition:               | NONE IF USED IN ACCORDANCE WITH DESCRIPTION |
| Additional Information:                | NONE  |

## SECTION XII - Toxicological Information

No toxic effects are known due to product handling

## SECTION XIII - Ecological Information

No harmful ecological effects are known from handling the product

## SECTION XIV - Disposal Considerations

|                                       |  |
|---------------------------------------|--|
| <b>Product/Preparation:</b>           | DISPOSE IN ACCORDANCE WITH LOCAL AUTHORITY/STATE REGULATIONS<br>DISPOSE AS HOUSEHOLD WASTE |
| Waste Code (D)                        | NO. 31432  |
| <b>Contaminated packing material:</b> | DISPOSE IN ACCORDANCE WITH LOCAL AUTHORITY REGULATIONS                                     |

## SECTION XV - Transport Information

Classified Non-hazardous material according to transport regulations

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## SECTION XVI - Regulatory Information

### Labelling according to EU regulations

Code letter and hazard symbol for the product: NOT SUBJECT TO MANDATORY MARKING

Hazardous ingredient(s) relevant for labelling: NONE

R-phrases: NONE

S-phrases: NONE