



# SAFETY DATA SHEET

## Carbiso Milled Carbon Fibre

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

**Product name** Carbiso Milled Carbon Fibre  
**Company** Easy Composites Ltd  
Unit 39,  
Park Hall Business Village  
Longton, Stoke-on-Trent  
ST3 5XA  
United Kingdom  
**Email** sales@easycomposites.co.uk  
**Telephone** +44 (0)1782 454499

### 2. HAZARDS IDENTIFICATION

**Chemical Characterisation** Carbon fibre  
**Hazardous Ingredients/Listings** None  
**Additional Information on particular hazards** Carbon fibre dust is a physical skin irritant Milled Carbon Fibre is not explosible  
Carbon fibres are electrically conductive and may cause a short circuit in electrical equipment. High level electrical protective measures required according to IP65.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Hazardous ingredients | Conc. | CAS         | EINECS | Risk Phrases | Safety Phrases |
|-----------------------|-------|-------------|--------|--------------|----------------|
| Carbon Fibre          | 100%  | 007440-44-0 | NA     | None         | None           |

### 4. FIRST AID MEASURES

**Skin contact** After handling fibres, wash skin with soap and cool water. Fibres may cause skin irritation.  
**Eye contact** Rinse with plenty of water.  
**Inhalation** After inhalation of large quantities of dust, take affected individual to fresh air.  
**Ingestion** Drink water.

### 5. FIRE FIGHTING MEASURES

**Extinguishing media** Foam, carbon dioxide, dry powder, water drizzle  
**Unsuitable media** Direct water spray  
**Fire hazards** Fibre or dust may glow in an oxygen-containing atmosphere above 350oC. When glowing, and during combustion CO/CO<sup>2</sup> is generated and the release of organic degradation is possible.  
**Protective equipment** None, in case of insufficient ventilation wear appropriate breathing apparatus to prevent inhalation of CO/CO<sup>2</sup>

## 6. ACCIDENTAL RELEASE MEASURES

|                             |   |
|-----------------------------|---|
| <b>Personal precautions</b> | Use dust protective mask (P1) and protective work wear at all times during handling or use of this product. |
| <b>Large Spill or Leak</b>  | Remove by mechanical means  |

## 7. HANDLING AND STORAGE

|                 |                            |
|-----------------|----------------------------|
| <b>Handling</b> | Remove fine dust regularly |
| <b>Storage</b>  | None                       |

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| <b>Measures for limitation and monitoring of exposure</b>            | Ensure good ventilation in the work area  |        |                   |                  |       |      |             |        |     |        |                  |
|--|---|--------|-------------------|------------------|-------|------|-------------|--------|-----|--------|------------------|
| <b>Additional advice on the design of technical equipment</b>        | Beware of the electrical conductivity of the product  |        |                   |                  |       |      |             |        |     |        |                  |
| <b>Ingredients with occupational exposure limits to be monitored</b> | <table> <thead> <tr> <th>CAS-No</th> <th>Name of Substance</th> <th>Type</th> <th>Value</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td>007440-44-0</td> <td>Carbon</td> <td>TRK</td> <td>500000</td> <td>F/m<sup>3</sup></td> </tr> </tbody> </table> | CAS-No | Name of Substance | Type             | Value | Unit | 007440-44-0 | Carbon | TRK | 500000 | F/m <sup>3</sup> |
| CAS-No   | Name of Substance   | Type   | Value             | Unit             |       |      |             |        |     |        |                  |
| 007440-44-0  | Carbon  | TRK    | 500000            | F/m <sup>3</sup> |       |      |             |        |     |        |                  |
| <b>Additional Advice</b>   | According to the definition of "artificial mineral fibres":<br>Length: > 5µm<br>Ø: < 3µm<br>Length:Ø > 3:1  |        |                   |                  |       |      |             |        |     |        |                  |
| <b>General protective and hygiene measures</b>                       | Use suction while handling fibres   |        |                   |                  |       |      |             |        |     |        |                  |
| <b>Respiratory protection</b>  | Dust protective mask (P1).  |        |                   |                  |       |      |             |        |     |        |                  |
| <b>Hand protection</b>   | Textile gloves  |        |                   |                  |       |      |             |        |     |        |                  |
| <b>Eye protection</b>  | Tight fitting safety glasses  |        |                   |                  |       |      |             |        |     |        |                  |
| <b>Body protection</b>   | Tight fitting overall   |        |                   |                  |       |      |             |        |     |        |                  |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                               |   |
|-------------------------------|---|
| <b>Description</b>            | Solid                                     |
| <b>Colour</b>                 | Grey/Black                                |
| <b>Odour</b>                  | None                                      |
| <b>Density</b>                | Approx. 1.8 g/cm <sup>3</sup>             |
| <b>Water solubility</b>       | None                                      |
| <b>Additional information</b> | Carbon fibres are electrically conductive |

## 10. STABILITY AND REACTIVITY

|                                  |  |
|----------------------------------|--|
| <b>Conditions to avoid</b>       | None   |
| <b>Materials to avoid</b>        | None   |
| <b>Hazardous decomp products</b> | None if handled in accordance with description |

## 11. TOXICOLOGICAL INFORMATION

No toxic effects are known due to product handling. Carbon fibre dust, including milled carbon, is a physical skin irritant capable of causing irritant contact dermatitis. Avoid skin contact.

## 12. ECOLOGICAL INFORMATION

No harmful ecological effects are known from handling the product.

### 13. DISPOSAL CONSIDERATIONS

|                           |   |
|---------------------------|---|
| <b>Product Disposal</b>   | Dispose in accordance with local authority/state regulations<br>Dispose as household waste<br>EU List of Wastes Code: 04 02 21<br>Montreal Protocol Waste Code: B3030 |
| <b>Container Disposal</b> | Dispose of in accordance with local authority regulations   |

### 14. TRANSPORT INFORMATION

Classified non-hazardous according to regulations for road/rail/sea/air transportation.

### 15. REGULATORY INFORMATION

|                  |  |
|------------------|--|
| <b>Labelling</b> | Code-letter and hazard-symbol for the product: Not subject to mandatory marking. |
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### 16. OTHER INFORMATION

|                            |  |
|----------------------------|--|
| <b>Further information</b> | The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. |
|----------------------------|--|