

## MATERIAL SAFETY DATA SHEET

### Section 1: Identification of the substance and of the Company undertaking

**Name of Product:** Carbon fibre stitched fabrics

**Chemical Formula:** Carbon Fibre (>98%), Partially cured epoxy resin (<2%)

**Product Types:** Various stitched fabrics

#### 1.2 Company identification:

**Name:** Formax UK Limited  
**Address:** Unit 3, Cutters Close, Narborough, Leicester, LE9 5FY  
**Telephone:** +44 116 2752200 – Fax +44 1162841912  
**E-mail:** [info@formax.co.uk](mailto:info@formax.co.uk)

### Section 2: Composition / Information on Ingredients

Ingredients	% Weight	Control Limit
Carbon fibre	>98%	To be considered as a (non respirable) "nuisance" dust.
Partially cured epoxy sizing	<2%	None established

### Section 3: Hazards Identification

**Emergency Overview:** This product is stable and not flammable under normal industrial conditions. Finely dispersed fibre may irritate skin, eyes and mucous membrane – No case of disease reported.

**Primary Route(s) of Entry:** Inhalation

**Signs and Symptoms of Overexposure:** Rash, itching, conjunctivitis, coughing, sneezing

**(Chronic)/Carcinogenity Status:** see Section 11

**Medical Conditions Aggravated by Exposure:** None known

**EC Labelling Classification:** Not a dangerous substance or preparation

### Section 4: First-Aid Measures

**Eye Contact:** Flush eyes with clear water for at least 15 minutes – seek medical attention

**Skin Contact:** Rinse contact areas with room temperature to cool water, then wash gently with mild soap.

**Inhalation:** Move the victim to fresh air - If irritation persists, seek medical attention.

**If swallowed:** Seek medical attention

### Section 5: Fire-Fighting Measures

**Suitable extinguishing methods:** All methods

## Section 6: Accidental Release Measures

**Steps to be taken in case material is released or spilled:** No special precautions

**Environmental Precautions:** Avoid worsening the dispersion

**Cleaning Methods:** Aspiration via suitable methods due to the risk of fibre dispersion – staff responsible for the task are advised to wear work attire and a dust mask.

## Section 7: Handling and Storage

**Precautions to be taken in Handling:** Avoid the dispersion of loose fibres – handle the fibre in well ventilated premises where there are no electrical appliances or said appliances are protected in sealed or pressurised cases.

**Precautions to be taken in Storage:** For optimum performance, Formax UK Limited fabrics should be stored at a temperature less than 25°C and a relative humidity less than 65%.

## Section 8: Exposure Controls/Personal Protection

**Respiratory Protection:** Dust mask

**Skin Protection:** Adequate protective gloves (surgical or cotton type)

**Eye Protection:** Safety glasses with side shields should be worn

**Other Protective Equipment:** Use of overalls, long trousers, and good personal hygiene will maximise comfort – a protective cream for the skin may be useful.

## Section 9: Physical and Chemical Properties

<b>Physical State:</b>	Solid	<b>Softening Temp</b>	NA
<b>Form:</b>	Filament	<b>Decomposition Temp.</b>	NA
<b>Colour:</b>	Black	<b>Inflammation Temp</b>	NA
<b>Odour:</b>	Odourless	<b>Self-Combusting Temp</b>	NA
<b>PH Concentration</b>	NA	<b>Explosiveness</b>	NA
<b>Volumic Mass</b>	1.6-2.0 g/m <sup>3</sup>	<b>Steam Pressure</b>	NA
<b>Solubility</b>	Insoluble fibre	<b>Solvent Solubility</b>	Sizing soluble in acetone

## Section 10: Stability and Reactivity

**Stability:** Stable

**Conditions to avoid:** None known

**Incompatibility (Material to Avoid):** None known

## Section 11: Toxicological Information

**Acute Toxicity:** Product presumed non-toxic

**Local effects:** Possible irritation of mucous membrane

## Section 12: Ecological Information

**Environmental Effects:** No known effects – stable, non-polluting product

## Section 13: Disposal Considerations

Carbon fibre is generally considered to be an inert solid waste not requiring hazardous waste disposal procedures.

#### **Section 14: Transport Information**

There are no special precautions or restrictions involving transport of carbon fibre known to Formax UK Limited

#### **Section 15: Regulatory Information**

NA

#### **Section 16: Misc information**

We believe that the information contained in this safety data sheet is correct to the best of our knowledge. However the information contained in this sheet is not exhaustive. This safety data sheet does not anticipate all the circumstances in which the product may be used, nor all the physical and mental characteristics of each individual responsible for its transportation or transformation. It is the duty of the user to test and use this product safely, in accordance with the laws and regulations in force. Unless otherwise stated in writing, we do not accept responsibility for complaints or damage caused related to the use of this product.