

Section 1: Product and company identification

1.1 Product

Multiaxial fabrics constructed from carbon fibre for composite products.

1.2 Company

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Section 2: Composition/information on ingredients.

Material in product.	Content
<i>For carbon fibre</i>	
Carbon fibre (Polyacrylonitrile PAN based 92% carbon)	>98%
Partially cured epoxy	<2%
<i>For knitting yarn</i>	
Polyester	98.5%
Sizing	1.5%
<i>For product</i>	
Carbon	98.5%
Polyester	1.5%

Section 3: Identification of risks

- Carbon fibre is an electricity conducting material.
- Health risks
 - Inhalation: May irritate respiratory passage/lungs
 - Skin Contact: Irritation. Prolonged or repeated contact may also cause typical skin sensation
 - Eye contact: Irritation
 - General: Carbon fibre is, according to the International Agency for Research in Cancer, classified in group 3: Not classified as carcinogenic in humans.

Section 4: First Aid.

- Inhalation: Move the injured individual(s) into fresh air
- Eye contact: Remove contact lenses (if any) Rinse eyes immediately with plenty of water. Continue rinsing for at least 15 minutes. Call a doctor
- Skin contact: Rinse the skin with plenty of water. Wash immediately with soap and water, if fibre attaches to skin contact a doctor.

Section 5: Fire fighting measures.

Risk class: Non-flammable
Fire extinguishing methods: All methods

Section 6: Accidental release measures.

- Individual precautions: Not applicable
- Environmental precautions: Avoid dust formation, avoid worsening the dispersion, collect waste
- Cleaning/collection methods: Due to possible dust inhalation undertaking this are advised to wear work clothes and a dust mask.

Section 7: Handling and storage.

Handling

- General: The fabrics should be handled with care, it should not be exposed to electric current sources.
- Precautions
 - Use adequate protective clothing to protect against skin contact: mask, gloves and goggles
 - Ensure that handling is carried out in a well-ventilated area. Spot extractor fans should be used to avoid excessive dust.
 - Ventilation systems should have a filter to avoid discharge into open air.
 - Insulating varnish may be applied to electronic boards and electrical terminals.
 - Avoid friction that may generate flying debris.

Storage

- Recommended conditions

Material Safety Datasheet

Carbon Products

Date: 31/01/03



- Storage conditions do not affect the stability of the product or increase the danger risks.
- The product should be stored in a clean dry place away from dust and its original packaging.

Section 8: Exposure controls/personal protection.

- General If dust is created and ventilation is inadequate it is advised to wear dust mask, eye protection and work clothing.
- Individual protection
 - Respiratory - Dust mask
 - Hands - Gloves (surgical or cotton type)
 - Eyes - Goggles
 - Skin - Protective cream may help.

Section 9: Physical and chemical properties

Physical state	Solid
Form	Fabric
Color	Black (white stitching)
Odor	None
pH concentration	N/A
Temperature at which physical state changes	N/A
Decomposition temperature	N/A
Inflammation point	N/A
Self-combusting point	N/A
Explosive characteristics	N/A
Steam pressure	N/A
Solubility and solvents used	Insoluble fiber. Sizing agent soluble in chlorinated solvents, acetone DMF.
Radioactivity	N/A

Section 10: Stability and reactivity

Product stability	Stable
Possible dangerous reactions	Not identified
Possible decomposition agents (other than carbon monoxide, carbon dioxide and water)	None

Material Safety Datasheet

Carbon Products

Date: 31/01/03



Section 11: Toxicological information

Acute toxicity	Product assumed non toxic
Local effects	Possible irritation of mucous membrane

Section 12: Ecological information

There are no known effects to the behavior and evolution of the product with respect to the environment.

The product has no known effects on the environment and is stable and non-polluting.

Section 13: Considerations concerning disposal

Recommended disposal methods	Dispose of in a suitable place complying with local regulations. Do not incinerate, as this may cause fiber to be dispersed into the air threatening electrical equipment.
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Section 14: Information regarding transport

Codes and classifications of international regulations	None
Specific transport conditions	None

Section 15: Regulatory information

Warnings related to danger and safety	N/A
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Section 16: Additional information

We believe the information contained in this safety data sheet to be correct to the best of our knowledge. However, the information contained in this sheet is not exhaustive. This safety 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 accept no

Material Safety Datasheet

Carbon Products

Date: 31/01/03



responsibility for complaints or damage caused related to the use of this product. For additional information, please contact the Quality Assurance Department at Devold AMT AS.