

SAFETY DATA SHEET ACCORDING TO REGULATION (EC) NO. 1907/2006 (REACH)

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

Name of product	C.A.R FiberTec - CF TRIM Carbon fiber
Usage	Chopped fiber Composites
Manufacturer	C.A.R FiberTec GmbH Ohle Ring 16 D - 2 1684 Stade www.car-fibertec.de
Emergency telephone contact	+49 (0) 4141 – 77 88 888 s.lauckner@car-fibertec.de

2. Hazards Identification

Carbon fiber is not classified hazardous according to Directive 1999/45/EC.

Take measures to prevent the build-up of electrostatic charge. Avoid dust formation. Carbon fibers based on filaments with diameters $>4\mu\text{m}$ are not respirable.

3. Composition / Information on ingredients

Recycling carbon fiber, Carbon content $> 95\%$

Carbon fiber on basis polyacrylnitrile (carbon), hint of epoxy or polyurethane

CAS – Nr. : 308063-67-4/ 7440-44-0

EINECS/ELINCS: Polymer 231-153-3

4. First aid measures

General information:	Change soaked clothing.
Inhalation:	Ensure supply of fresh air.
Skin contact:	Wash off immediately with soap and water.
Eye contact:	Rinse thoroughly with plenty of water (min 15 min). Consult a doctor if irritation consists.
Ingestion:	Rinse out mouth and give plenty of water to drink. Supply with medical care.

5. Fire-fighting measures

Suitable extinguishing media:	Foam, dry chemical powder, carbon dioxide, water spray.
Specific hazards:	Burning produces carbon monoxide, carbon dioxide.
Special protective equipment for firefighters:	None

6. Accidental release measures

Personal precautions:	see safety instructions section 7 & 8 Avoid dust formation.
Environmental precautions:	Do not flush into sanitary sewer system.
Methods for cleaning up:	Take up mechanically

7. Handling and storage

Handling condition:	No special measures necessary if used correctly.
Storage condition:	Do not store together with oxidating agents.
Storage:	Store in closed, sealed containers away from sources of heat and ignition in a dry and well ventilated area.

8. Exposure controls / personal protection

Exposure limits:	none
Personal protection equipment:	
Respiratory protection:	only needed when above exposure limit
Hand protection:	impervious gloves
Eye protection:	safety glasses
Skin protection:	protective clothing, safety shoes
Other:	Keep work place clean. Keep away from food and drinks. Wash hands before breaks. Use barrier skin cream.

9. Physical and chemical properties

Form:	fiber
Colour:	black
Odor:	odourless
Melting point [°C]:	Ca. 3.500 °C
Flash point:	not determined
Flammability:	not applicable
Auto ignition temperature:	not applicable
Vapour pressure:	not applicable
Density:	1,7 – 2,0 g/ml
Solubility	in water: immiscible
pH - value	not applicable

10. Stability and reactivity

Conditions to avoid:

Stable under normal ambient conditions (ambient temperature).
Reactions with strong oxidizing agents.
Accumulation of fine dust may cause risk of a dust explosion in the presence of air.

Materials to avoid

Reactions with strong oxidizing agents.

Hazardous decomposition products

None

11. Toxicological information

Acute toxicity:	not determined
Serious irritation:	not determined
Sensitisation:	not determined
Mutagenicity:	not determined
Carcinogenicity:	not determined

General remarks:

Fiber abrasion can cause mechanical skin irritation. None fibers with diameter below 4 micrometres. The filament is not respirable. Toxicological data of complete product are not available.

12. Ecological information

Eco toxicity effects:	not determined
Persistence and degradability:	not determined
Other effects:	Under standard conditions the fiber product is stable and does not decompose.

13. Disposal considerations

Product:

Coordinate disposal with the authorities if necessary.

Packaging:

Untampered packaging may be taken for recycling. Packaging that cannot be cleaned should be disposed of as for product.

14. Transportation information

Not classified as "dangerous goods" (GGVS/ADR). Not classified as "dangerous goods" according to national and international transport regulations (air / land / marine transport)

15. Regulatory information

15.1 EU-regulation

Not classified according to EC Directive.

15.2 National regulation

Water hazard class: 1 (classification to VwVWS)

16. Other Information

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