



Safety Data Sheet

Carbon-Carbon Composite

FS140[AC100], FS240[AC200], FS320, FS540[FC500], FS740

Section 1. IDENTIFICATION

Product Name: Carbon-Carbon Composite
Product Grade: FS140[AC100], FS240[AC200], FS320, FS540[FC500], FS740
CAS No.: 7440-44-0
Reference Number: MSDS-13

Manufacturer Name: CFC Design Inc.
Manufacturer Address: 1-4-11 Funatsu Sabae-City, Fukui 916-0054 Japan
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Uses: For industrial use only

Section 2. HAZARDS IDENTIFICATION

Emergency Overview: Contains no ingredients known to be hazardous by OSHA.
Health Hazards: Inhalation of dust may result in irritation of mucous membranes. No diseases have ever been reported. It could cause an eruption of the skin.
Hazard Statement: Carbon is not a hazardous substance
Precautionary Statement: None

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name: Carbon (More than 99%)
Chemical Formula: C
CAS No. 7440-44-0
No components need to be disclosed according to the applicable regulations.
Non-Hazardous material.



Section 4. FIRST AID MEASURES

In case of Eye Contact:	Wash with tap water for at least 15 minutes, seek medical advice immediately. When you wash your eyes, open your eyes with your fingers to wash the every corner of your eyeball and eyelid. Remove your contact lenses immediately if
In case of Skin Contact:	Wash off with soap and plenty of water.
If Inhaled:	Take person to the fresh air, and wash the inside of the mount. If the disorder lasts, seek medical doctor immediately.
If Swallowed:	Rinse mouth with water and seek medical doctor immediately.

Section 5. FIRE-FIGHTING MEASURES

Fire Extinguishing Method:	Sprinkle facilities with water to cool them down from safe distance.
Fire Extinguishing Material:	Water, Foam, Powder, Carbonic Acid Gas, Dry Sand, Halogen Compounds, etc.

Section 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedure:	Avoid dust formation. Avoid breathing vapors, mist or gas.
Environmental Precautions:	No special environmental precautions
Dispose:	Wastes and dust should be segregated from household wastes and disposed as industrial wastes. Dispose of in a manner which conforms to local, State, and Federal regulations.

Section 7. HANDLING AND STORAGE

Handling:	Handle at well-ventilated area. Use protective gloves, protective glasses, dust-proof masks, aprons etc. The electrical systems should be protected against dust since Carbon Powder in the air could cause a short circuit due to the electrical conductivity.
Storage:	Store indoors where not to be exposed to direct sunlight or rainwater. Avoid to store in the high temperature. Take notice of damp-proofing.

Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Administered Density:	2.9 mg/m ³ (Notification No. 26 of The Ministry of Labor, the
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Allowable Density:	fine particles of coal) Total fine particles 2.0 mg/m ³ (Japan Conference of Industry and Hygiene)
Facility Ventilation:	The inhalant particles 10mg/m ³ (ACGIH)
Protective Devices:	Use of a local exhauster Recommend to use protective gloves, protective glasses, and dust-proof mask.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Black solid material
Boiling Point:	Not Applicable
Volatility:	Not Applicable
Melting Point:	Not Applicable
Specific Gravity:	1.4-2.0 g/cm ³
Initial Boiling Point:	Not Applicable
Solubility:	Insoluble

Section 10. STABILITY AND REACTIVITY

Flash Point:	Not Applicable
Ignition Point:	Not Applicable
Explosive Limit:	Not Applicable
Flammability:	Not Applicable
Oxidation Stability:	Not Applicable at normal temperature
Self Reaction/Self-Esplosive	Not Applicable
Explosiveness of Powder	No data available
Stability/Reactivity	Stable
Others:	The electrical systems should be protected against dust since Carbon Powder in the air could cause a short circuit due to the electrical conductivity.

Section 11. TOXICOLOGICAL INFORMATION

Skin Corrosion:	Fine particles could irritate the skin
Skin/Eye Irritation:	Fine particles could irritate the skin
Sensitizing Potential	No data available
Acute Toxicity:	No data available
Sub-Acute Toxicity:	No data available
Chronic Toxicity:	No data available
Carcinogenicity:	No data available
Mutagenicity:	No data available
Toxicity for reproduction:	No data available
Cause of Deformity:	No data available



Section 12. ECOLOGICAL INFORMATION

Degradability:	No data available
Accumulation:	No data available
Bioaccumulation in Fish	No data available
Other adverse effect:	No data available

Section 13. DISPOSAL CONSIDERATIONS

Wastes and dust should be segregated from household wastes and disposed as industrial wastes.

Dispose of in a manner which conforms to local, State, and Federal regulations.

Section 14. TRANSPORT INFORMATION

UN Class:	Not Regulated
UN Number:	Not Regulated
DOT:	Non Hazardous
IATA:	Non Hazardous
Transport Label:	No Label Required

Section 15. REGULATORY INFORMATION

Dispose and Cleaning of Waste	Must be disposed as industrial wastes
Classification of Substance:	Carbon is not a hazardous substance

Section 16. OTHER INFORMATION

This data sheet was prepared for the general use, and it is based on the resources, data and information which we could obtain at this point. Please take safe measures sufficiently on the use of each product.

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