

## SAFETY DATA SHEET

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**1 Identification**

[Chemical name]

Name of products : C/C composite  
(FS140 FS240 FS320 FS540 FS740 FS720 HS410 HMT510)

[Supplier's Information]

Manufacturer : CFC Design, Inc.  
 Address : 1-4-11, Funatsu-cho, Sabae, Fukui 9160054, Japan  
 The post in Charge : Quality Assurance Dept.  
 The person in Charge : Yoshio Mizoguchi  
 Phone number : +81-778-42-5624  
 Facsimile number : +81-778-51-2220

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**2 Classification of Harmfulness and Dangerousness**

The name of classification : It does not come under the classification of harmfulness or dangerousness.  
 Dangerousness : It is not a dangerous object under the Fire Services Act.  
 Harmfulness : No diseases have ever been reported.  
 It could cause an eruption of the skin.

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**3 The Specific Points of the Material**

Chemical Name : Carbon  
 Content : more than 99%  
 Chemical Formula : C  
 The Reference Number to be announced on official gazette : not applicable  
 Pollutant Release and Transfer Register Act : not applicable  
 Industrial Safety and Health Act (Notifiable Substances for which delivering SDS is required) : not applicable  
 Poisonous and Deleterious Substances Control Law : not applicable  
 CAS No. : 7440-44-0(carbon)  
 UN Classification and UN Number : non-dangerous material (no pertinent number)

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**4 The First Aid**

In case of inhaling carbon : Take the person to the fresh air, and wash the inside of the mouth.  
 If the disorder lasts, go to the medical doctor immediately.  
 In case of touching carbon on skin : Wash the part of the skin which touched the product, with the running water using soap.  
 If you found a change on your skin, or the disorder lasts, go to the medical doctor immediately.  
 In case of getting carbon in eyes : Wash with tap water for at least 15 minutes, and go to an ophthalmologist 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 you had.  
 In case of swallowing carbon : Wash the inside of the mouth, and go to the medical doctor immediately.

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**5 Steps in case of Fire**

Fire Extinguishing Material : water, foam, powder, carbon dioxide gas, dry sand, halogen compounds etc.  
 Prohibited material for Fire Extinguishing : none  
 Fire Extinguishing Method : Do the fire fighting from the windward.  
 Around the fire place that regulates the entry of non-participants.  
 Sprinkle the facilities with water to cool them down from the safe distance.

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**6 Steps in case of Leaking**

There are no steps to be stated

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**7 Points to notice on handling and storage**

Handling : Handle at well-ventilated area.

Storage	<p>Use protective implements like protective gloves, protective glasses, dust-proof masks, aprons etc. Carbon powder in the air could cause a short circuit because of the electrical conductivity, so electrical systems have to be protected against dust.</p> <p>: Store indoors where not to be exposed to direct sunlight or rainwater.</p> <p>Avoid to store in the high temperature.</p> <p>Take notice of damp-proofing.</p>
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8 Devices against the Exposure	
Exposure Limits	: 3mg/m <sup>3</sup> (Notification No.26 of the ministry of Labor, the fine particles of coal)
Allowable Density	: total fine particles 2mg/m <sup>3</sup> (Japan conference of industry and hygiene)
Facilities for the steps	: use of a local exhauster
Protective Devices	: It is recommended to use protective gloves, protective glasses, and dust-proof mask.
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9 Physical and Chemical Characteristics	
Appearance	: black solid material
Smell	: none
Boiling Point	: none
Flash point	: none
Ignition point	: none
Explosion limit	: none
Vapor pressure, Vapor density	: none
Specific gravity	: 1.4~2.0
Solubility	: insoluble
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10 Stability· Reaction	
Stability· Reaction	: stable
Reactive chemical hazards	: The contact with the strong oxidizer.
Others	: Carbon powder in the air could cause a short circuit because of the electrical conductivity, so electrical systems should be protected against the dust.
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11 Information of harmfulness	
Acute toxicity	: unknown (no data)
skin corrosivity and irritancy	: Fine particles could irritate the skin.
Serious damaging for eye or eye irritancy	: Fine particles could irritate the skin.
Respiratory sensitization or skin sensitization	: unknown (no data)
Germ cell mutagenicity	: unknown (no data)
Carcinogenicity	: unknown (no data)
Reproductive toxicity	: unknown (no data)
Specific target organ systemic toxicity - single exposure	: unknown (no data)
Specific target organ systemic toxicity - repeated exposure	: unknown (no data)
Aspiration hazard	: unknown (no data)
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12 Information about the influences on the environment	
Ecotoxicity	: unknown (no data)
Persistence·Degradability	: unknown (no data)
Bioaccumulation potential	: unknown (no data)
Mobility in soil	: unknown (no data)
Hazardousness for ozone	: unknown (no data)
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13 Points to notice on dispose	
Waste from residues	Wastes and dust should be segregated from household wastes and disposed as industrial wastes.
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14 Points to notice on transportation	
	It depends on the matters that demand special attention on handling and storage.
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15 Applicable Law	
Waste Management and Public Cleansing Act	: They must be disposed as industrial wastes.
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16 Others	
	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.