
CARBON FIBER STRIP

Strengthening for Helicoid Epoxy Sleeve System.

SAFETY DATA SHEET

1.0 IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND OF THE COMPANY/ UNDERTAKING

- 1.1 Product Name : Carbon Fibre HC 68
- 1.2 Use of Substance : Product for construction and industry
- 1.3 Company/undertaking identification
Supplier : Merit Technologies Sdn Bhd
No.8, Jalan PJU 3/45,
Sunway Damansara Technology Park,
47810, Petaling Jaya,
Selangor, MALAYSIA
- Telephone No. : +603-7805 3811
- Fax No. : +603-7805 4811
- Email Address : info@merit.net.my

2.0 HAZARDS IDENTIFICATION

2.1 The substance is not classified as dangerous according to Directive 67/548/EEC and its amendments.

2.2 Main hazards / harmful effects; Hazards that do not directly lead to a classification: Carbon Fibre is an electricity-conducting material, it may break up into fine particles. Finely dispersed Carbon Fibre may irritate skin, eyes and mucous membranes. Carbon Fibre dust may cause electrical short-circuits when contacted to electrical devices.

3.0 COMPOSITION/INFORMATION OF THE INGREDIENT

Chemical family/ Characteristics: Carbon Fiber reinforced plastic

4.0 FIRST AID MEASURES

Inhalation : Get medical attention if symptoms occur.



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Ingestion : Get medical attention if symptoms occur.
Skin Contact : Get medical attention if symptoms occur.
Eye Contact : Get medical attention if symptoms occur

5.0 FIRE-FIGHTING MEASURES

Extinguishable Media

Suitable : Use an extinguishing agent suitable for surrounding fire
Not suitable : None known
Hazardous combustion products : No specific data

6.0 FIRE-FIGHTING MEASURES

Special Protective : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure equipment for fire-fighting mode.

7.0 ACCIDENTAL RELEASE MEASURE

Environmental Precautions : Inform the relevant authorities if the product has caused environmental pollution (via sewers, waterways, soil or air).

8.0 HANDLING AND STORAGE

Technical measures: Material to be handled with care – Do not cut the Carbon Fibre unnecessarily.
Electricity conducting material; do not allow contact with electric current sources.

Handling precautions: Avoid the dispersion of loose fibres – Handle the fibre in well ventilated premises (the ventilation devices should have a filter to avoid discharging loose fibres into open air) where there are no electrical appliances or said appliances are protected in sealed or pressurized cases - Insulating varnish may be applied to electronic boards and electrical terminals.

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Advice for use and incompatibility with other materials: Avoid friction which may create loose and flying debris

Storage: Storage conditions do not have an influence on the product properties, but it is advised to store the product in a clean and dry place, away from dust, in its original packaging.

9.0 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Controls

Occupational Exposure Control: Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Respiratory Protection : No special measures required.

10 PHYSICAL AND CHEMICAL PROPERTIES

General Information

Appearance

Form : Solid
Color : Black
Odor : Odorless

Important health, safety, and environmental information

Flash Point : Closed cup; Not applicable
Solubility : Insoluble in the following materials: water

11.0 STABILITY AND REACTIVITY

Stability : The product is stable. Under normal conditions of storage and use.
Condition to avoid : No specific data
Materials to avoid : No specific data



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Hazardous decomposition : Under normal conditions of storage and use, hazardous decomposition should not be produced.

12.0 TOXICOLOGY INFORMATION

Potential acute health effects

Inhalation : Not applicable
Ingestion : Can cause gastrointestinal disturbances
Skin contact : Not applicable
Eye contact : May cause eye irritation
Chronic effect : No known significant effects or critical hazards.

13.0 ECOLOGICAL INFORMATION

Environmental effects : Do not empty into drains; dispose of this material and its container in a safe way.

14.0 DISPOSAL

Methods of Disposal: The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

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Packaging:

Completely emptied packaging may be given for recycling. Empty packaging may still contain residues. Empty packaging should be removed by a licensed waste contractor.

15.0 TRANSPORT INFORMATION

International Transport Regulation

ADR	: Not regulated
IMDG	: Not regulated
Marine pollutant	: No
IATA	: Not regulated

16.0 OTHER INFORMATION

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Please consult the Technical Data Sheet for full detail of the product.