

1. Chemical Product and Company Identification

1.1 Product identification

Name of product: Carbon profiles
Description of product: Composite carbon fibre - epoxy resin profiles
Substance/mixture/article: Article

1.2 Product use:

Under construction

1.3 Company identification:

vDijk Pultrusion Products - DPP

Dick Flemmingstraat 8c
5161 CB SPRANG-CAPELLE
Tel: +31 416 769050
Email: info@dpp-pultrusion.com

1.4 Emergency phone numbers:

vDijk Pultrusion Products +31 416 769050

2. Hazard identification

2.1 Classification:

This product is not considered to be hazardous in the sense of the Directive 67/548/EEC and Directive 1999/45/EC.

2.2 Main hazards / harmful effects

Hazards that do not directly lead to a classification:

- When it is broken out, short carbon fibers particle may be produced. They may cause short circuits of electrical apparatus.

3. Composition/Information on components

3.1 Hazardous components or hazardous complex substances

This product including its components is not considered to be hazardous in the sense of the Directive 67/548/EEC and Directive 1999/45/EC.

3.2 Other substances that are not considered to be dangerous to health and environment

Name	CAS No.	Content %
Carbon fiber (PAN-based)	7440-44-0	> 60
Cured epoxy resin	Registered	< 40

4. First aid

In case of contact with eyes:

- In case of dust, thoroughly rinse eyes with clean water for at least 15 minutes. Arrange for transport to the nearest medical facility for examination and treatment by a physician as soon as possible.
- Remove contact lenses if any before continuing to rinse.
- Do not let the victim rub his eyes.

In case of inhalation:

- Move the victim to fresh air.

In case of contact with skin:

- Thoroughly wash the affected area with water until irritation stops.

In case of ingestion:

- Give water to the victim if conscious, but do not make him vomit. In case of vomiting, do not let the victim swallow the vomit. Do not give anything to ingest to unconscious or convulsing victim.

5. Measures in case of fire

Suitable extinguishing methods:

- Use foam, dry powder, carbon dioxide or water-mist.

Dangerous combustible products

- Emission of toxic gases: nitrogen oxide, carbon monoxide.

Protection of rescue teams:

- Wear high-pressure self-respiratory protection apparatus.

Physical and Chemical data on flammability and explosiveness:

- Flash point: NA
- Ignition point: NA
- Explosiveness lower limits: NA
- Explosiveness upper limits: NA

Specific risks relating to firefighting measures:

- When the product is burnt, fine carbon fiber particles may be produced. They may cause electrical short-circuits when contacted to electrical devices.

6. Measures to take in case of accidental dispersion

Individual precautions:	NA
Environmental precautions:	NA
Precautions when handling dispersed substances:	NA

7. Handling and storage

Handling:

- Technical measures:
Material to be handled with care. Electricity conducting material, do not allow contact with electric current sources.
- Handling precautions:
Material to be handled with care – Spring effect during unpacking operations.
- Advise for use and incompatibility with other materials: NA

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, in its original packaging until unpacking for use.

8. Exposure control / Individual protection

Exposure limits: NA

Individual protection:

If dust is created and ventilation is inadequate, it is advised to wear a dust mask, eye protection, gloves and clean and dry work attire.

- Respiratory protection: Use protection mask with P3 type filter in case of dispersion of dust.
- Hand protection: always wear protective gloves conform to EN 374-1/2/3 and EN 420 when handling the product.
- Eye protection: wear protective goggles or dustproof goggles.

9. Physical and chemical properties

Physical properties:

- Form: Rod
- Odor: Oderless
- Color: Black
- Volumic mass: NA

Specific temperature at which physical state changes:

- Boiling point: NA
- Melting point: NA

- Flash point: NA
- Self-combusting point: NA
- Explosiveness: NA
- Steam pressure: NA
- Steam density: NA
- Density: 1550 kg/m³

Solubility: (solubility and solvents)

- Water: Insoluble
- Others: Insoluble

Others:

- Electricity conducting material

10. Stability and reactivity

10.1 Stability:

This product is considered a stable material under normal and anticipated storage and handling conditions.

10.2 Conditions to avoid:

Avoid heating above 350° C.

10.3 Materials to avoid:

Oxidizing agents, strong acids and bases

10.4 Dangerous decomposition products:

Emission of nitrogen oxides and carbon monoxide.

11. Toxicological information

Exposure risks on dust:

- Ingestion:
Possible irritation of throat.
- Inhalation:
Possible irritation of respiratory apparatus.
- Skin contact:
May cause irritations.
- Contact with eyes:
May cause irritations.

12. Ecological information

Environmental exposure from substances of this product is limited due to the physical form of the product. Carbon fiber is an electricity conducting material. It may cause short-circuits on contact with electrical devices, especially when dusts are dispersed in the area.

Do not incinerate the product.

13. Considerations concerning disposal

Product disposal according to the regulation on waste in force:

- EWC (European Waste Catalogue): recommendation: 16 03 03
- 16 kind of wastes not described on the list
- 16 03 off-specification batches and unused products
- 16 03 06 organic wastes other than those mentioned in 16 03 05*

Disposal of polluted packages according to the regulation on waste in force:

- EWC (European Waste Catalogue): recommendation: 15 01 01 and 15 01 02
- 15 packages and packaging wastes, absorbents, wipers, filtering materials and protection attire unspecified elsewhere
- 15 01 packages and packaging wastes (including town wastes collected separately)
- 15 01 01 paper and cardboard packaging
- 15 01 02 plastic packaging

14. Information regarding transportation

Codes and classifications of international regulations: NA
Specific transport conditions: NA

15. Regulations information

Information on EU labeling

- Symbols: NA
- Chemical Risk phrases (R-phrases): NA
- EINECS No.:

All the components of this product are specified on the lists EINECS or ELINCS, except those mentioned on 67/548/EEC directive.

16. Other information

Type of revision:

Compliance with regulation No. 1907/2006 (REACH)
Last update: January 2012

Based on directive/regulation:

D.67/548/EEC, updated: D.92/32/EEC
D.1999/45/EC
2001/118/EC
D.2004/73/EC
(EC) No. 1907/2006 (REACH)

We believe that the information contained in this safety data sheet is correct to the best of our knowledge. However, the information contained in this sheet is not exhaustive. Final determination of suitability of any material is the sole responsibility of user. All materials may present unknown hazards and should be used with care. Although certain hazards are described herein, we cannot guarantee that they are the only existing hazards. The information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. Users are advised to make their own tests to determine the safety and suitability of each such product or combination for their own purposes.