

According to Regulation (EC) No. 1272/2008

Revision date: 15.01.2015

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

Product details :

1.1. Trade name

DREAM FRAME CARBON FIBER

1.2. Application of the substance / the preparation Filler/ Extender

Prosthetic substructures

1.3. Manufacturer/Supplier

DEI Italia S.r.l.

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1.4. Information in case of emergency

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IRCCS Fondazione Maugeri - Pavia 0382 24444

Ospedali Riuniti - Bergamo 800 883300

Ospedale Careggi - Firenze 055 7947819

Policlinico Umberto I - Roma 06 49978000

Ospedale Cardarelli - Napoli 081 74728702

2. Hazards identification

2.1. Classification of the substance or mixture

The product is not classified as dangerous according to the provisions of Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and adjustments).

2.2. Label elements

Danger labeling according to Regulation (EC) 1272/2008 (CLP) and subsequent amendments and adjustments.

PHRASES S: In case of dust generation and with insufficient ventilation.

2.3. Other dangers

Electrical conductive material - can disperse fine particles.

Main health risks: The finely dispersed carbon fiber in contact with skin and eyes may cause irritation

3. Composition/information on ingredients

3.1. Composition

Carbon

CAS 7440-44-00

Conc. % 100

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classified as NON-HAZARDOUS pursuant to the provisions of Directives 67/548 / EEC and 1999/45 / EC and / or Regulation (EC) 1272/2008 (CLP).

The product does not contain substances classified as dangerous for health or for the environment in accordance with the provisions of Directives 67/548 / EEC and / or Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and adjustments) in quantities that require a declaration.

4. First aid measures**4.1. Description of first aid measures**

Not specifically necessary. In any case, compliance with the rules of good industrial hygiene is recommended.

in case of:

contact with skin: wash with soap and water

contact with the eyes: wash with water and if necessary consult a doctor
inhalation: bring the person to the open air, consult a doctor

ingestion: consult a doctor

4.2. Main symptoms and effects, both acute and delayed

No episodes of damage to health attributable to the product are known.

4.3. Indication of any immediate medical attention and special treatment needed.

Information not available.

5. Fire-fighting measures**5.1. Extinction means**

chemical foams, powders and CO₂

UNSUITABLE EXTINGUISHING MEDIA

Do not use jets of water. The water is not effective to extinguish the fire, however it can be used to cool the closed containers exposed to the flame preventing fires and explosions.

5.2. Special peels deriving from the substance or mixture

HAZARDS DUE TO EXPOSURE IN THE EVENT OF FIRE

Avoid breathing combustion products (carbon oxides, toxic pyrolysis products, etc.).

5.3. Recommendations for firefighters

GENERAL INFORMATION

Cool the containers with jets of water to avoid the decomposition of the product and the development of substances potentially dangerous for health.

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Always wear full fire protection equipment. Collect the extinguishing waters that must not be discharged into the drains. Dispose of contaminated water used for extinction and fire residue according to current regulations.

EQUIPMENT

Protective helmet with visor, fireproof clothing (fireproof jacket and trousers with bands around arms, legs and waist), protective gloves (fireproof, cut resistant and antistatic), self-contained breathing apparatus (self-protector).

6. Accidental release measures**6.1. Precautions, protection devices and procedures in case of emergency**

In case of vapors or airborne dust adopt respiratory protection. These indications are valid both for workers to work and for emergency interventions.

6.2. Environmental precautions.

Prevent the product from entering sewers, surface water or groundwater.

6.3. Methods and materials for containment and remediation.

Dike with earth or inert material. Collect most of the material and eliminate the residue with jets of water. Disposal of contaminated material must be carried out in accordance with the provisions of section 13.

6.4. Reference to other sections.

Any information regarding personal protection and disposal is given in sections 8 and 13.

7. Handling and storage**7.1. Precautions for safe handling**

Manipulate the product after having consulted all the other sections of this safety data sheet. Avoid dispersion of the product in the environment. Do not eat, drink or smoke during use.

7.2. Conditions for safe storage, including any incompatibilities.

Keep the product in clearly labeled containers. Keep containers away from incompatible materials, checking section 10.

Storage class TRGS 510 (EU): 11

7.3. Specific end uses.

Information not available.

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8. Exposure controls and personal protection**8.1. Control parameters**

Information not available.

8.2. Exposure controls.**IN CASE OF DUST GENERATION WITH INSUFFICIENT VENTILATION:**

Adopt a localized suction system that ensures the rapid removal of any substances released and / or an environment ventilation system that ensures an adequate air exchange for the quantities of product being processed and the operating methods. In the absence of an adequate ventilation system, the use of suitable respiratory protection devices may be necessary.

HAND PROTECTION:

Use suitable gloves if there is a risk of contact with the skin. Nitrile rubber gloves are recommended.

PROTECTION OF EYES:

Use standard or safety glasses with side protection where there is a risk of dust formation.

ENVIRONMENTAL EXPOSURE CONTROLS.

Emissions from production processes, including those from ventilation equipment, should be monitored for compliance with environmental protection legislation.

9. Physical and chemical properties**9.1. Information on properties and basic chemical properties**

Shape: fabric

Solubility in water: insoluble

Black colour

Odor: none

Specific weight: 1.6-2.0 g / cm³**10. Thermal decomposition / conditions to be avoided****10.1. Thermal decomposition**

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable under normal conditions of use and storage.

10.3. Possibility of dangerous reactions.

Unusual reactions are not expected under normal use and storage conditions.

10.4. Conditions to avoid.

None in particular. However, follow the usual precautions with regard to chemicals.

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10.5. Incompatible materials.

Information not available.

10.6. Hazardous decomposition products.

Information not available.

11. Toxicological information

11.1. Information on toxicological effects

No episodes of damage to health due to exposure to the product are known. In any case it is recommended to operate in compliance with the rules of good industrial hygiene.

main known toxicological effects:

skin: may cause irritation

eyes: may cause irritation

by inhalation: may cause irritation

oral toxicity: Presumed non-toxic product.

The information mentioned is based on current knowledge and related to the toxicological effects of the fiber.

Prolonged manipulation can cause allergic sensitization in sensitive individuals. We recommend the use of protective gloves.

Irritations to the eyes and mucous membranes are essentially due to filamentous dust that could occur as a result of improper use of the material.

12. Ecological information

12.1. General note

Use according to good working practices, avoiding to disperse the product in the environment. Notify the competent authorities if the product has reached watercourses or sewers or if it has contaminated the soil or vegetation.

12.1. Toxicity

nd

12.2. Personal and degradability

it is not biodegradable. Use the product according to good working techniques avoiding to disperse it in the environment.

12.3. Bioaccumulation potential

12.4. Mobility in soil

12.5. Results of the PBT and vPvB assessment

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Based on the available data, the product does not contain PBT or vPvB substances in percentages greater than 0.1%.

13. Disposal considerations**13.1. Waste treatment methods**

Dispose of according to applicable laws. Do not dispose of with household waste.

Do not burn: in the combustion volatile powders are generated that can cause problems to electrical equipment.

DISPOSAL OF THE PRODUCT ACCORDING TO REGULATIONS ON FORCE WASTE:

CED (Catalog Européen des Déchets): recommendation 16 03 06

16 wastes not described elsewhere in the list

16 03 Manufacturing waste and unused products

16 03 06 wastes of organic origin other than those mentioned under 16 03 05 *

DISPOSAL OF CONTAMINATED PACKAGING ACCORDING TO REGULATIONS ON WASTE IN FORCE

CED (Catalog Européen des Déchets): recommendation 15 01 105

15 packagings and scraps of packaging, absorbents, cleaning cloths, filtering materials and protective clothing not elsewhere specified

15 01 packaging and packaging waste (including municipal packaging waste collected separately)

15 01 05 composite packagings

Depending on the origin and waste conditions, other CED numbers may also be applied.

14. Transport information

The product is not considered dangerous according to the provisions in force concerning the transport of dangerous goods by road (A.D.R.), by rail (RID), by sea (IMDG Code) and by air (IATA)

The product can be transported without restrictions. No particular labels are required.

15. Regulations

Labelling according to EU guidelines

15.1. Safety, health and environmental standards and legislation specific for the substance or mixture

Seveso category.

None.

Restrictions related to the product or to the substances contained according to Annex XVII Regulation (EC) 1907/2006.

None.

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Substances in Candidate List (Article 59 REACH).

None.

Substances subject to authorization (Annex XIV REACH).

None.

Substances subject to export notification obligation Reg. (CE) 649/2012:

None.

Substances subject to the Rotterdam Convention:

None.

Substances subject to the Stockholm Convention:

None.

Sanitary checks.

Information not available.

Classification for water pollution in the EU (VwVwS 2005). WGK 2: Dangerous for the waters

15.2. Evaluation of chemical safety.

No chemical safety assessment has been made for the mixture and the substances it contains

16. Other information

The information contained in this sheet is based on the knowledge available from us at the date of the last version. The user must ensure the suitability and completeness of the information in relation to the specific use of the product.

This document should not be interpreted as a guarantee of any specific property of the product.

Since the use of the product does not fall under our direct control, it is the user's obligation to observe the laws and regulations in force concerning hygiene and safety under his own responsibility. We do not take responsibility for improper use.

Provide adequate training for personnel involved in the use of chemical products.