

SAFETY DATA SHEET



SECTION 1: IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

1.1 Product identifier

Unipreg® Carbon Fibre prepreg 50-400 gsm

1.2 Relevant identified uses of the substance or mixture and uses advised against

Epoxy resin based carbon fiber prepreg for industrial application

1.3 Details of the supplier of the safety data sheet

Company	UAB BRAČA-SPORT Darbo g. 8. Kaunas, LT-52102 LITHUANIA
Email	braca-lt@braca-sport.com

1.4 Emergency telephone number

+370 37 474 033

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Skin Irrit. 2	H315 Causes skin irritation.
Eye Irrit. 2	H319 Causes serious eye irritation.
Skin Sens. 1	H317 May cause an allergic skin reaction.
Aquatic Chronic 2	H411 Toxic to aquatic life with long lasting effects.

2.2 Label elements

Labeling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms	None
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Signal word Warning

Hazard statements

- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H317 May cause an allergic skin reaction.
- H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P273 Avoid release to the environment.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P321 Specific treatment (see on this label).
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information

EUH205 Contains epoxy constituents. May produce an allergic reaction.

2.3 Other hazards

Results of PBT and vPvB assessment

- PBT:** Not applicable.
- vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

3.1 Product-type

Component	CAS#	%
PAN based carbon fiber	308063-67-4	30-70
Bisphenil-A based epoxy resin	25068-38-6	30-70
Accelerator	61788-44-1	5-30

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Instantly remove any clothing soiled by the product.

After inhalation

Take affected persons into the open air and position comfortably
Seek medical treatment in case of complaints.

After skin contact

Instantly wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.

After eye contact

Rinse opened eye for several minutes under running water. Then consult doctor.

After swallowing

Seek immediate medical advice.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

Information for doctor: No particular measures are known - treat according to symptoms.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing agents:**

CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

Unsuitable extinguishing agents:

Water with a full water jet.

5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

Airborne fibers are electrically conductive.

5.3 Advice for firefighters**Protective equipment:**

Self-contained breathing apparatus (SCBA).

Additional information:

Dispose of fire debris and contaminated firefighting water in accordance with official regulations.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective clothing.

6.2 Environmental precautions:

Do not allow product to reach sewage system or water bodies

Do not allow to enter the ground/soil.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of contaminated material as waste according to item 13.

Ensure adequate ventilation.

Because the dust can be electrically conductive and may become airborne, clean up with a vacuum. If an electrical appliance is used, take the steps necessary to avoid the risk of electrical shock.

6.4 Reference to other sections

Clean the accident area carefully.

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Materials should be sealed against contamination from dirt and moisture.

7.2 Conditions for safe storage, including any incompatibilities

Store in its original package, until use, at temperature <25°C. No incompatibility with other products is known of or reasonably foreseen. Please check Technical Datasheet the influence of the storing temperature on the shelf life of the product.

Airborne particles and filaments should be controlled so as to minimize skin irritation and electrical shorts in switch gears, etc. due to conductivity of fiber.

7.3 Specific end use(s)

No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

8.2 Exposure controls

Appropriate engineering controls:

Local exhaust for airborne fiber removal if it is necessary.

Personal protection equipment:

Eye and face protection:

Safety glasses

Skin protection:

Only use chemical-protective gloves with CE-labelling of category III. Recommended thickness of the material: ≥ 0.5 mm.

Other skin protection:

Recommend disposable protective garments to eliminate possible skin irritation.

Preventive skin protection by use of skin-protecting agents is recommended.

Not suitable are gloves made of the following materials: Strong gloves and Leather gloves

Respiratory protection:

Personal dust respirators applicable if high degree of fiber fly is experienced.

Use breathing protection in case of insufficient ventilation

Body protection:

Protective working cloth

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Vapour Pressure @ 25°C	Negligible
Appearance	Flexible Solid
Colour	Black
Volatile Content	<1% By Weight
Odour	Resin Impregnated Material, Practically Odorless.
Inflammable point	$\geq 290^{\circ}\text{C}$
Decomp. temperature	$\geq 250^{\circ}\text{C}$
Self ignition point	$\geq 290^{\circ}\text{C}$
Specific gravity	$\geq 1.5 \text{ g/cm}^3$
Solubility in water	Insoluble

9.2 Other information

No other information available

SECTION 10: Stability and reactivity

10.1 Reactivity

No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided:
No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions

Reacts with strong oxidizing agents, alkali, amines and acids

10.4 Conditions to avoid

No further relevant information available.

10.5 Incompatible materials

Strong oxidizing agents

10.6 Hazardous decomposition products:

None, if stored and handled correctly.

In the event of fire:

May form toxic gases and vapours

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Inhalation	Can cause difficulty breathing.
Ingestion	Can cause disturbances to digestive system.
Skin	Irritant
Eyes	Irritant
Health warnings	Epoxy resins may produce eye and skin irritation after prolonged and extended exposure.

SECTION 12: Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and nPvB assessment

No data available

12.6 Other adverse effects

Ecological data not available.

The product does not float in water and it is not biodegradable.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste materials must be disposed of in accordance with the Directive on waste 2008/98/EC and any other applicable national or local regulations.

SECTION 14: Transport information

14.1 UN number see

SECTION 14.2

14.2 UN proper shipping name

not Dangerous Goods

ADR/RID (land)

ADN (inland navigation)

IMDG (marine)

14.3 Transport hazard class(es) see

SECTION 14.2

14.4 Packing group see

SECTION 14.2

14.5 Environmental hazards see

SECTION 14.2

14.6 Special precautions to user see

SECTION 6 to 8

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

not applicable

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

TSCA Status Exempt - satisfies 'article' definition under 40 CFR 704.3

Directive 2012/18/EU

15.2 Chemical safety assessment

It has not been carried out.

SECTION 16: Other information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.