

INFORMATION SHEET FOR USERS

The European Union regulation n°1907/2006 (REACH) ensures information relating to hazardous materials are communicated through material safety data sheets (MSDS). Our continuous carbon fiber-based products are considered articles that do not release hazardous substances. For this reason, MSDSs are not required for these products by REACH regulation.

To facilitate the safe handling and use of carbon fiber products, CHOMARAT has decided to supply its customers with user information sheets.

Ruban and C-Tape

1. Product and company identification

1.1. Product ID

Name of product(s):

Ruban 9139/3FC; 9284/1FC,

C-tape U XY⁽¹⁾

(1) with X: 88P/F, 300P, 600P, 600PHM, 1000P

Y: 12K, 50K

Z : FOE, HS, HS FT

Substance/mixture/article: article

1.2. Product use

Reinforcement

1.3. Company ID:

CHOMARAT Textile Industries

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07160 Le Cheylard

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A simplified joint stock company with a share capital of 17,510,910€ - Company registration N° 501 607 865 00018 – Business sub-sector code 1320Z – Intracommunity VAT N° FR 42501607865



2. Hazard identification

2.1. Article classification

The product is not classified under regulation (EC) No. 1272/2008 (CLP).

2.2. Labeling Elements

The product does not have to be labeled under regulation (EC) No. 1272/2008 (CLP).

2.3. Other hazards

Carbon fiber is good driver of electricity and can provoke short-circuits when in contact with an ill-adapted electrical device.

Finely dispersed carbon fiber can cause irritations to the skin, eyes and mucous membrane.

3. Composition and information on the components

3.1. Hazardous components or impurities

The product does not contain any substances that feature on the list of substances of very high concern (SVHC), which are subject to approval.

3.2. Composition

Name	Cas N°	Content (%)
Carbon fibers	-	90 – 96
Other components	-	2 – 8
Sizing	-	< 2

4. First aid

In case of skin irritation:

- Wash with cold water and soap for at least fifteen minutes.
- Do not use warm water as this will dilate the skin's pores, which will cause further penetration of the fibers.
- Do not rub or scratch affected areas.
- Remove clothing.
- If skin irritation persists, see a doctor.

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In case of eye contact:

- In the case of dust in the eyes, rinse abundantly with clean running water for at least 15 minutes. Organize transportation towards the closest medical facility and have a doctor conduct an examination and administer treatment as quickly as possible.
- Remove contact lenses if worn before continuing to rinse the eyes.
- Prevent the person from rubbing their eyes.

If inhaled

- Place the person in the open air.

If ingested

- Contact a doctor, but do not induce vomiting. In the case of vomiting, prevent the person from ingurgitating their vomit. Do not have a person who is unconscious or convulsing ingest anything.

5. Fire fighting measures

Prohibited or non-recommended extinguishants

None

Recommended extinguishants:

Pulverized water, powder, foams, carbon dioxide.

Fumes in the event of fire

CO and CO₂, NO and NO_x, carbon particles. The carbon particles can cause short circuits when they come into contact with an electrical device.

Special protective equipment

Wear self-contained positive pressure breathing apparatus

6. Measures to be taken in the event of accidental dispersion

Personal precautions

Not applicable – The product remains in its massive form.

It is recommended that personnel handling dispersed substances wear class P3 dust filtering respirator masks.

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Environmental protection precautions

Have destroyed or recycled in accordance with the local regulations in force.

7. Handling and storage

Handling:

- Handle the material with care – do not cut the carbon fiber unnecessarily. Electrical conductor, do not place in contact with electrical power sources;
- Avoid dispersing airborne fibers – Handle the fiber in a well ventilated room (ventilation devices coupled with filters which prevent airborne fibers from being discharged into the open air) in which the electrical devices will have been excluded or protected in sealed or pressurized chambers.
- Insulating varnishes can be applied to the electronics and electric terminals.
- Avoid frictions which generate airborne debris.

Storage:

- The storage conditions do not influence the product's properties, but it is recommended the product be stored alone, in a dry, dust-free place, away from direct sunlight and in its original packing.

8. Exposure control / Personal protection

When dust is generated or ventilation is insufficient, handle while wearing personal protective equipment: work clothing and gloves, dust masks and glasses.

- Respiratory protection: Wear a type P3 protective mask with filter in the event of dust dispersion.
- Hand protection: Always wear protective gloves that comply with the EN 374-1/2/3 and EN 420 standards when handling the product.
- Eye protection: Wear protective glasses or goggles which protect against dust.

9. Physical and chemical properties

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Physical state: solid
Other: electrically conductive

10. Reactivity and stability

The product is stable under normal conditions of use.

Potential for dangerous reactions.

Conditions to avoid: excessive heat; a strong hardening can discharge toxic gasses and generate hazardous breakdown products.

Materials to avoid: oxidizing agents, strong acids and bases.

11. Toxicological information

Risks of exposure:

- Ingestion:
Possible irritation of the throat
- Inhalation:
Possible irritation of the airways
- Contact with the skin:
Can cause irritations
- Contact with the eyes:
Can cause irritations

12. Ecological information

The environmental exposure of the components of this product is limited because of the physical form of the product.

Carbon fiber is an electrical conductor; it can cause short circuits when in contact with an electrical device, notably when airborne fibers are dispersed in the zone.

Do not incinerate the product.

13. Considerations relating to elimination

Product disposal

Controlled incineration, in accordance with the regulations in force.

Disposal of packaging

Controlled incineration

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14. Information relating to transportation

The product is not classified as hazardous for ADR-RID-ADN (land, rail, inland waterway), IMDG –IMO (sea) and ICAO-IATA (air) transportation.

15. Regulatory information

This product is not subject to marketing approval or usage restrictions.

This user information sheet complements the technical data sheet or the instructions for use, but does not replace them. The information it contains is based on our current knowledge in regards to the concerned product at the indicated date. They are given in good faith.

All of the mentioned regulatory requirements are provided simply to help the addressee meet his/her obligations when using a hazardous product. This list should not be considered as exhaustive and does not exempt the addressee from personally ensuring whether he/she is bound by other obligations as a result of additional texts regarding the storage and handling of the product, with this remaining his/her sole responsibility.

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