Safety Data Sheet

Safety Data Sheet according to Reg. (EU) 1907/2006-No 2015/830

Revision date: 06-02-2018

A1 Triaxial Fibre TXT 160 300

INTRODUCTION

The European Regulation (ER) on Chemicals No. 1907/2006 (REACH) enforced on June 1st, 2007 does only require Safety Data sheet (SDS) for hazardous substances and preparations,
SDS requirement is not applicable. A.C.T. will however continue to communicate to its customers, the appropriate information for assuring the safe handling and use of this product.
This fibre glass is not respirable because of its favourable fibre dimensions and is not a dangerous material under current EU regulations. To the best of our current knowledge with our supplier's information, our products do not constitutionally contain any REACH SVHC's > 0.1% w/w (update 18-12-2013). We are aware that the SVHC list may be modified by addition or removal of substances in the future.

Section 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier: A1 Triaxial Fibre ETXT 160 300

1.2. Relevant identified uses of the substance or mixture and uses advised against:
Identified uses: reinforcement material in combination with A1 Liquid/Powder system.

1.3. Details of the supplier of the safety data sheet

Supplier: A.C.T
Nijverheidsweg 15 A
3251 LP Stellendam
The Netherlands
++31-187-663006
info@activecomposite.com

1.4 Emergency telephone number
Emergency telephone: +31 (0) 187 663006

Section 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2018 and its amendments
This product is not hazardous according to European directives1272/2008 and their latest amendments. This product is stable and not flammable under normal industrial conditions.

2.2. Label elements:
In compliance with EC regulation No 1272/2008 and its amendments: No labelling requirements for this mixture.

2.3. Other hazards:
There is no known long term health effect connected with long term use or contact with this product

Environmental hazards: N/A

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Composition/Chemical description

Textile products are made of mineral filament fibres.

3.2 Classification base: Based on present data, no classification and labelling is required to Directive 67/548 CEE or 1999/45/CE//GHS

Section 4. FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.
Never induce swallowing by an unconscious person.

4.1. Description of first aid measures

Inhalation: No specific treatment is necessary as the material is not likely to be inhaled, unless the material is in dust form: see infra 8.
Eye contact: Wash eyes thoroughly with fresh, clean water also under eyelids, for at least 15 minutes, seek medical attention.
Skin contact: Wash with cool water and mild soap.
Ingestion: Seek medical attention.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable methods of extinction: Water, carbon dioxide (C02), dry chemical and foam.
Unsuitable methods of extinction: Not applicable

5.2. Special hazards arising from the substance or mixture: Small amount of gases, Like CO, C02 and H2 are released at decomposition of sizing and binder. Other undetermined compounds may also release in very small quantities.

5.3. Advice for firefighters: Special protective equipment for fire-fighters: In a sustained fire self-contained breathing apparatus (SCBA) should be worn.
Other instructions: Main part of the product is E-glass which does not burn.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures:
Consult the safety measures listed under heading 8.

6.2. Environmental precautions: Glass fibre is considered as inert industrial waste and no special environmental precautions are required.

6.3. Methods and material for containment and cleaning up: Dispose of as a solid waste in accordance with government regulations, avoid creating of excessive dust.

7. STORAGE AND HANDLING

7.1. Precautions for safe handling: Normal care to be taken.

7.2. Conditions for safe storage, including any incompatibilities: Material should be stored at temperatures 15-35 C and at relative humidity below 75% in their original packages to maintain the original properties of the product.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits:
Continuous filament glass fibres are not respirable. However, certain mechanical processes might generate airborne dust or fibre (see section 11). the occupational exposure limits below mentioned are applicable to airborne exposure and/or to dust exposure

	Respirable Dust	Total Dust	Respirable Fibre
ACGHI	3 mg/m3	15 mg/m3	1 fibre/ml
Austria	6 mg/m3		0.5 fibre/ ml
Denmark	6 mg/m3	10 mg/ m3	1 fibre/ ml
Finland		10 mg/m3	1 fibre/ ml
France		10 mg/m3	1 fibre/ ml
Germany	3 mg/m3	4 mg/m3	0.25 fibre/ ml
Ireland	5 mg/m'		2 fibres/ml
Italy	3 mg/m3	10 mg/ m3	1 fibre/ ml
Netherlands	2 mg/m3	10 mg/ m3	1 fibre/ ml
Norway	5 mg/ m3	10 mg/m3	1 fibre/ ml
Portugal		4 mg/ m3	1 fibre/ ml
Spain	3 mg/m3	10 mg/ m3	1 fibre/ml
United Kingdom	5 mg/m3	10 mg/m3	2 fibres/ml

NOTE! The user of CFGF products has to comply with the national regulation in term of health worker protection.

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Respiratory protection: None normally required, can be used (FFP1 or FFP2) for convenience when work place ventilation is limited.
- Eye protection: Use safety glasses with side shields if airborne glass fibre concentration exceeds nuisance level.
- Skin protection: Use lightweight protective clothing to minimize skin irritation.
- Hand protection: Wear suitable protective gloves or barrier cream to prevent skin irritation.

8.3. Environmental exposure controls: No special environmental precautions required

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General information: Physical State: Powder or dust

Important health, safety and environmental information

Colour:	Yellow-white to white
State:	Solid E-Glass
Odour:	No
Diameter:	Filaments have a diameter in the range of 9 – 25 um, depending on product
pH:	Neutral if wetted
Flash Point:	N/A
Flammability:	N/A
Softening point:	800 ºC
Boiling point:	N/A
Solubility in water:	insoluble in water
Explosive limits:	N/A
Relative density:	2,6

10. STABILITY AND REACTIVITY

10.1. Reactivity: No data available.

10.2. Chemical stability: No data available

10.3. Possibility of hazardous reactions: No data available.

10.4. Conditions to avoid: High humidity and temperature may effect properties of the product.

10.5. Incompatible materials: Wet product loses partly its strength and becomes unusable but is not hazardous.

10.6. Hazardous decomposition products: The product starts to decompose gradually at temperatures above 220 ºC
When also small amounts of decomposition gases are released.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects: No data available.

11.1.1. Substances
Acute toxicity: Not relevant

Irritation and corrosiveness: Dust and fibres may cause irritation to eyes and skin. The irritation disappears when the exposure ceases.

Other information on health effects:
Other information on health effects: Continuous filament glass fibres are not respirable according to the World Health Organization (WHO) definition and therefore not carcinogenic (NTP, IARC, OSHA); respirable fibres have a diameter (d) smaller than 3 µm, a length (l) larger than 5µm and a I/d ratio larger than or equal to 3. Long term use or contact with non-respirable continuous glass fibres is not known to affect health. Non respirable glass fibres are not able to reach the deep lung due to their diameter which is greater than 3.5 µm. They may deposit on the surface of the upper respiratory tract or nose and they are cleared through normal physiological mechanisms. Inhalation may cause coughing, nose and throat irritation and sneezing. Continuous filament glass fibres that are chopped, crushed or severely mechanically processed during use, however, may contain small amount of respirable particles.

12. EXOLOGICAL INFORMATION

12.1.

Eco toxicity: Not applicable
Mobility: Not applicable
Persistence and degradability: N/A
Other adverse effects: N/A

13. DISPOSAL CONSIDERATIONS

Proper waste management of the product must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods: The products are considered as inert industrial waste and can be disposed of as solid waste. However, the local regulations should be taken into account. EWC code for used glass fibre material is 101103.

Fiberglass products which are part of reinforced plastics must be disposed of in accordance with requirements for those plastics and resins where they exist. Packaging material should be recycled according to local regulations.

14. TRANSPORT INFORMATION

Classification for ROAD and Rail transport (ADR/RID):

14.1. UN number	Not applicable
14.2. UN proper shipping name	Not regulated (non-hazardous) for transport
14.3. Transport hazard class(es)	Not applicable
14.4. Packing group	Not applicable
14.5. Environmental hazards	Not considered environmentally hazardous based on available data
14.6. Special precautions for user	Not applicable
14.7. Transport in bulk according to Annex I or II of MARPOL 73/78 and the IBC or IGC code	Not applicable

Classification for AIR transport (IATA/ICAO):

14.1. UN number	Not applicable
14.2. UN proper shipping name	Not regulated (non-hazardous) for transport
14.3. Transport hazard class(es)	Not applicable
14.4. Packing group	Not applicable
14.5. Environmental hazards	Not considered environmentally hazardous based on available data
14.6. Special precautions for user	Not applicable

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2015 - IMDG 2014 - ICAO/IATA 2015).

Other information: The product must be protected from high temperatures and moisture to maintain the original properties of the product.

15. REGULATORY INFORMATION

This product is not hazardous according to European Directive 99/45/EC, 67/548/EEC and their latest amendments. Continuous Filament Glass Fibre (CFGF) products are articles in the meaning of REACH (1907/2006/ER).

16. OTHER INFORMATION

None

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