

SAFETY DATA SHEET

Glass Fibre Fabrics

As this product is an Article according to Regulation (EC) N° 1907/2006 (REACH), there is no legal obligation to issue a Safety Date Sheet. This document is supplied for information purposes only and it is not subject to the formal requirements of safety data sheets under the REACH Regulations.

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	Glass Fibre Fabrics
PRODUCT NO.	20991, 20992, 20741, 20320, 20974, 20995, 20458
SYNONYMS, TRADE NAMES	Applicable to: E Glass, R Glass, S2 Glass, Glass Roving, Verranne Glass fibre product
APPLICATION	Balanced and unidirectional glass fibre yarn fabric
SUPPLIER	ET Tech 16 avenue Guy de Collongue 69130 Ecully France – +33 04.26.69.15.66 Contact name: Delphine Alliod

2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

PHYSICAL HEALTH AND ENVIRONMENTAL HAZARDS Not Classified

OTHER HAZARDS

Continuous filament glass fibre is not considered a dangerous substance, according to Regulation (EC) No 1272/2008 (CLP). Glass fibre is not respirable. World Health Organization defines a respirable fibre as a fibre with a diameter (d) <3 µm, a length (l) >5 µm and a l/d-ratio ≥ 3. Glass fibre filaments are mechanical irritants and may induce temporary mouth, nose and throat irritation. Skin or eye contact may cause itching and temporary irritation. Ingestion may cause temporary mechanical irritation of the digestive tract. Pre-existing conditions such as respiratory or skin disorders may be aggravated by exposure to the product or dust/particulate generated from machining/grinding of the cured product. Electrical insulator, which can generate static electricity

3 COMPOSITION/INFORMATIONS ON INGREDIENTS

COMPOSITION COMMENTS

Glass fibre (Type C, E, R, D, S2) of silicium, aluminium, calcium, boron and magnesium oxides in a vitreous amorphous state. Filament diameter >3µm. CAS 65997-17-3: >99% w/w

4 FIRST AID-MEASURES

INHALATION

With any sign of respiratory distress, affected persons should be taken into fresh air and made to rest while medical attention is sought.

INGESTION

Rinse mouth with water repeatedly. If swallowing has incurred, DO NOT induce vomiting. If necessary, drink water with small sips. Seek medical attention.

SKIN CONTACT

In case of contact with the product or the cured product dust or particulate, immediately wash skin with mild soap and cool water. Use a washcloth to help remove the fibres. To avoid further irritation, do not rub or scratch irritated areas. Rubbing or scratching may force fibres into the skin. Get medical attention immediately if the irritation persists.

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EYE CONTACT

Contamination by fibre should be removed by flushing eyes with liberal amounts of water for at least 15 minutes. Get medical attention if irritation persists.

5 FIREFIGHTING MEASURES

EXTINGUISHING MEDIA

Suitable extinguishing media: Water spray, dry powder or carbon dioxide.

Unsuitable extinguishing media: do not use water jet as an extinguisher, as this will spread the fire.

SPECIAL HAZARDS ARISING FROM THE PRODUCT

No unusual fire or explosion hazards noted.

Hazardous combustion products: in an emergency situation leading to elevated temperature, there may be release of toxic gases and vapours. The products of combustion and decomposition will depend on other materials present in the fire and its actual conditions.

ADVICE FOR FIREFIGHTERS

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Avoid contact with skin and eyes. Considering the product's physical properties, wear of protective clothing is not compulsory.

ENVIRONMENTAL PRECAUTIONS

Due to the physical nature of this product, environmental release to drains and water courses is not possible.

SPILL CLEAN UP METHODS

Collect in containers and seal securely. For waste disposal, refer to the requirements of the local Waste Disposal Authority..

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid direct contact with product.

Avoid inhalation of filaments or dust/particulates generated during processing operations.

Where possible, provide dust extraction and collection from handling zones.

Carefully wash and rinse skin after handling and apply moisturizer on exposed skin. Do not eat, drink or smoke while handling product. Work clothing should be kept on work site.

STORAGE PRECAUTIONS

Store in tightly-closed original container in a dry place. Keep away from food, drink and animal feeding stuffs.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS

No exposure limits known for ingredients.

RESPIRATORY EQUIPMENT

Ensure good general ventilation. For comfort, an approved dust mask can be worn where fibre or particulates are present.

EYE/FACE PROTECTION

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Wear approved safety spectacles, goggles or facemask when working product by hand or machining with power tools.

HAND AND SKIN PROTECTION

It is recommended that protective gloves are worn when handling the product..

Ensure forearms are protected by use of gloves with long gauntlet, disposable sleeves or long sleeve overalls.

Irritation often appears at pressure points such as wrists, waist, neck and between fingers.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	textile surface made of woven filament yarn
COLOUR	White
ODOUR	Odourless
ODOUR THRESHOLD	it is not relevant as there is no toxic effect
pH	not relevant due to the physical form of this product
MELTING POINT (°C)	softening (ASTM C-338): ~650°C
INITIAL BOILING POINT AND RANGE	not relevant due to the physical form of this product
FLASH POINT	not relevant due to the physical form of this product
EVAPORATION RATE	not relevant due to the physical form of this product
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS	not relevant due to the physical form of this product
VAPOUR PRESSURE/DENSITY	not relevant due to the physical form of this product
RELATIVE DENSITY	not relevant due to the physical form of this product
SOLUBILITY	not relevant due to the physical form of this product
AUTO-IGNITION TEMPERATURE	not relevant due to the physical form of this product
VISCOSITY	not relevant due to the physical form of this product
EXPLOSIVE PROPERTIES	does not meet the criteria for classification as explosive
OXIDISING PROPERTIES	does not meet the criteria for classification as oxidising

10 STABILITY AND REACTIVITY

REACTIVITY

There are no known reactivity hazards associated with this product.

STABILITY

Stable at normal ambient temperatures.

POSSIBILITY OF HAZARDOUS REACTIONS

Under normal conditions of storage and use, no hazardous reactions will occur.

Avoid heat, flames and other sources of ignition.

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

HAZARDOUS DECOMPOSITION PRODUCTS

Does not decompose when used and stored as recommended.

In an emergency situation leading to elevated temperature, there may be release of toxic gases and vapours.

The products of combustion and decomposition depend on other materials present in the fire and the actual conditions of the fire.

11 TOXICOLOGICAL INFORMATION

TOXICOLOGICAL EFFECTS

Not regarded as a health hazard under current legislation. Glass fibre is not considered a dangerous substance, according to Regulation (EC) No 1272/2008 (CLP).

Glass fibre is not considered respirable. World Health Organisation defines a respirable fibre as a fibre with a diameter (d) <3 µm, a length (l) >5 µm and a l/d-ratio ≥ 3.

Glass fibre is listed by the International Agency for Research on Cancer (IARC) as a Group 3 (not classifiable as a human Carcinogen).

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Not regarded as dangerous for the environment.

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PERSISTENCE AND DEGRADABILITY

Not relevant due to the physical form of this product.

BIOACCUMULATIVE POTENTIAL

Not relevant due to the physical form of this product

MOBILITY IN SOIL

Not relevant due to the physical form of this product

RESULTS OF PBT AND vPvB ASSESSMENT

As this product is an article, this section is not applicable.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14 TRANSPORT INFORMATION

UN Nr

This product is not dangerous to transport.

UN proper shipping name

This product is not dangerous to transport

Transport hazard class(es)

This product is not dangerous to transport

Packing group

This product is not dangerous to transport

Environmental hazards

This product is not dangerous to transport

Special precautions for user

This product is not dangerous to transport

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

Product not transported in bulk.

15 REGULATORY INFORMATION

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

National regulations

This product and its components are considered an Article with no intentional release in accordance with EC N° 1907/2006, REACH Regulation. Glass fibre is not considered a dangerous substance, according to Regulation (EC) No 1272/2008 (CLP).

This product does not contain Annex XIV substances subject to Authorisation according to Regulation (EC) N°1907/2006 (REACH) or substances of very high concern published in accordance with Article 59 (10) above 0.1% (w/w).

CHEMICAL SAFETY ASSESSMENT

Inventories

US – TSCA: this product is an article as defined by TSCA and is not required to be listed in the US, EPA, TSCA Inventory.

16 OTHER INFORMATION

GENERAL INFORMATION

This safety data sheet has been written in accordance with the requirements of the Commission Regulation EC No.453/2010 of 20 May 2010

Revised in MAY 2015