

In accordance with directive 1907/2006/EC,2020/878

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Version: 2.0

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Product name: Verranne

This product complies with Regulation (EC) No 1907/2006 (REACH). Consequently, it is not mandatory to issue a safety data sheet. This document is provided for information purposes only and is not subject to the formal safety data sheet criteria required by REACH regulations.

## **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

### **1.1 Product identification :**

Product name : Verranne.  
Synonyms : E Glass, R Glass, S2 Glass, Glass Roving, Verranne Glass fibre product

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

Use : Balanced and unidirectional glass fibre yarn textile.

### **1.3 Contact details for the supplier of the safety data sheet :**

Responsible distributor : ASSYST sprl / A.S.O.W. sprl  
Hellegatstraat 13a  
2590 Berlaar  
Belgium  
Tel : +32 495 50 61 14 / +32 496 83 70 27  
Website: [www.assyst.org](http://www.assyst.org) / [www.artsuppliesonweb.com](http://www.artsuppliesonweb.com)  
E-mail: [ao@assyst.org](mailto:ao@assyst.org) / [vera.opsommer@assyst.org](mailto:vera.opsommer@assyst.org)

### **1.4 Emergency telephone number :**

For Belgium:

Call the **Poison Control Centre (070 245 245 - free)**, if not available: **02 264 96 30** (normal rate) or your doctor. In life-threatening situations, always call the European emergency number **112**.

NHS 24 Direct

For help from a GP, visit your GP surgery's website, use an online service to contact your GP, or call the surgery. **For urgent medical help**, use the NHS 111 online service, or **call 111** if you are unable to get help online. **For life-threatening emergencies, call 999** for an ambulance. There is more information about getting medical help on the NHS website.

## **SECTION 2: Hazard identification**

### **2.1 Classification of the substance or mixture :**

#### **Classification in accordance with Directive (EC) No. 1272/2008 and its amendments.**

This product is not classified as dangerous under European Regulation No. 1272/2008 (CLP).

Physical hazards : Not classified.

Hazards for human health : Not classified.

Environmental hazards : Not classified.

### **2.2 Labelling elements :**

#### **Labelling in accordance with Regulation (EC) No 1272/2008 [CLP/GHS]: .**

This product is not classified as dangerous under European Regulation No. 1272/2008 (CLP).

### **2.3 Other hazards :**

Continuous filament glass fibre is not considered to be a hazardous substance under Regulation (EC) No 1272/2008 (CLP).

Continuous filament glass fibre not considered breathable.

The World Health Organisation defines a respirable fibre as one with a diameter (d) < 3 µm, a length (l) > 5 µm and a ratio l/d ≥ 3.

Filaments are mechanical irritants and can cause temporary irritation of the mouth, nose and throat.

Contact with the skin or eyes may cause itching and temporary irritation.

Ingestion may cause temporary mechanical irritation of the digestive tract.

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Pre-existing conditions such as respiratory or skin damage may be aggravated by exposure to the product or to dust/particles generated by machining/grinding the dried product Electrical insulation, which may generate static electricity.

## **SECTION 3: Composition and information on ingredients**

### **3.2 Mixing :**

#### **Comments on the composition**

Continuous filamentary glass fibre (Type E, R, D, S2) consisting of oxides of silica, aluminium, calcium, boron and magnesium in a vitreous amorphous state.

Filament diameter: > 3µm.

CAS N° 65997-17-3 , >99% w/w.

## **SECTION 4: First aid measures**

### **4.1 Description of first aid measures :**

#### **Inhalation**

If signs of respiratory distress appear, affected persons should be moved to fresh air and rested until a doctor arrives.

#### **Ingestion**

If fibres of the product are swallowed, immediately rinse the mouth several times with water.

If swallowed, do not induce vomiting.

If necessary, have the affected person take small sips of water.

Seek medical advice.

#### **Skin contact**

In the event of skin contact with the product or with dust or particles from the dried product, wash the skin immediately with mild soap and water at room temperature or cool water.

Remove fibres with a soft cloth.

To avoid further irritation, do not rub or scratch irritated areas, as this could cause the fibres to sink into the skin.

Consult a doctor immediately if irritation persists.

#### **Eye contact**

Fibre contamination should be removed by rinsing with water for at least 15 minutes.

Consult a doctor if irritation persists.

### **4.2 Main symptoms and acute and delayed effects :**

#### **General information**

Filaments are mechanical irritants and can cause temporary irritation of the mouth, nose and throat.

Contact with the skin or eyes may cause itching and temporary irritation.

Ingestion may cause temporary mechanical irritation of the digestive tract.

Pre-existing conditions such as respiratory or skin problems may be aggravated by exposure to the product or to the dusts/particles generated by machining/grinding the dried product.

### **4.3 Indication of immediate medical care and special treatment required :**

#### **Information for the doctor.**

No specific recommendations.

If in doubt, consult a doctor immediately.

## **SECTION 5: Fire-fighting measures**

### **5.1 Extinguishing media :**

#### **Suitable extinguishing media**

Water spray, dry powder or carbon dioxide.

#### **Unsuitable extinguishing media**

Do not use water jets as extinguishing media, as this will spread the fire.

### **5.2 Special hazards arising from the substance or mixture :**

#### **Special hazards**

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No exceptional risk of fire or explosion.

#### **Hazardous combustion products**

In an emergency situation where the temperature may rise, toxic gases and vapours may be emitted.  
The products of combustion and decomposition vary according to the other materials present in the fire.

#### 5.3 Advice for firefighters :

#### **Special protective equipment for firefighters**

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

#### 5.4 Additional information

No data available

### **SECTION 6: Accidental release measures for the substance or mixture**

#### 6.1 Personal precautions, protective equipment and emergency procedures :

#### **Personal precautions**

Given the physical nature of the product, in the event of accidental release, the wearing of special protective clothing is not required.

#### 6.2 Environmental precautions :

#### **Environmental precautions**

Given the physical nature of this product, it cannot be released into the environment via drains or waterways.

#### 6.3 Methods and materials for containment and cleaning up :

#### **Cleaning methods**

Clean up the contaminated area and dispose of the product and cleaning materials in accordance with current regulations.

#### 6.4 Reference to other sections :

For personal protective equipment, see Section 8.

For waste disposal, see Section 13.

### **SECTION 7: Handling and storage :**

#### 7.1 Precautions for safe handling of the substance or mixture :

#### **Precautions for use**

Avoid direct contact with the product.

Avoid inhaling filaments or dust/particles generated during processing operations.

If possible, provide a dust extraction and collection system in handling areas.

Wash skin thoroughly after handling.

Use a suitable moisturiser to prevent the skin from drying out.

Do not eat, drink or smoke when handling the product.

Contaminated work clothing should not be removed from the workplace.

#### 7.2 Conditions for safe storage, including incompatibilities :

#### **Storage precautions**

Store in the original container, tightly closed.

Keep container dry.

#### 7.3 Specific end use :

As this product is an article, this section does not apply.

### **SECTION 8: Exposure controls/personal protection measures**

#### 8.1 Control parameters :

#### **Occupational exposure limit values**

No known exposure limit value for component(s)

#### 8.2 Exposure control measures :

#### **Protective equipment**

Mask, gloves, goggles.

#### **Appropriate technical controls**

Provide sufficient ventilation.

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## Eye/face protection

Eye protection :

Wear safety goggles or a mask when machining with power tools.

## Hand protection :

Protective gloves should be worn when handling this product.

## Other skin and body protection

Recommendation: Protect forearms with long gloves, disposable sleeves or long-sleeved overalls/blouses.

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

## Respiratory protection

To improve comfort, an approved dust mask can be worn if fibres or particles are present.

## **SECTION 9: Physical and chemical properties**

### 9.1 Information on basic physical and chemical properties :

Appearance :	The surface of the textile is made of woven filament yarn.
Colour :	White.
Odour:	Odourless.
Olfactory threshold :	Not significant as there is no toxic effect.
pH :	Not significant due to the physical form of this product.
Melting point (Softening ASTM C-338):	~650°C
Initial boiling point and boiling range :	Not significant due to the physical form of this product.
Flash point :	Not significant due to the physical form of this product.
Evaporation rate :	Not significant due to the physical form of this product.
Upper/lower flammability limits or explosive limits :	Not significant due to the physical form of this product.
Vapour pressure :	Not significant due to the physical form of this product.
Vapour density :	Not significant due to the physical form of this product.
Relative density :	Not significant due to the physical form of this product.
Solubility(s) :	Not significant due to the physical form of this product.
Auto-ignition temperature :	Not significant due to the physical form of this product.
Viscosity :	Not significant due to the physical form of this product.
Explosive properties :	Does not meet the criteria for classification as an explosive.
Oxidising properties :	Does not meet the criteria for classification as an oxidizer.
Comments :	The values indicated do not necessarily correspond to the product specifications. See technical data sheets for exact specifications.

### 9.2 Other information

No information required.

## **SECTION 10: Stability and reactivity**

### 10.1 Reactivity :

No known reactivity hazards associated with this product.

### 10.2 Chemical stability :

Stable at normal room temperature.

### 10.3 Potential dangerous reactions :

No dangerous reactions will occur under normal conditions of use and storage.

### 10.4 Conditions to avoid :

Avoid heat, flames and other sources of ignition.

### 10.5 Chemically interacting materials :

No specific product or group of products is likely to react with the product to cause a hazardous situation.

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#### 10.6 Hazardous decomposition products :

Does not decompose when used or stored as recommended.

In an emergency situation where the temperature may rise, toxic gases and vapours may be emitted.

The products of combustion and decomposition vary according to the other materials present in the fire.

### **SECTION 11: Toxicological information**

#### 11.1 Information on toxicological effects :

##### **Toxicological effects:**

Not considered a health hazard under current legislation.

Continuous filament glass fibre is not considered to be a hazardous substance in accordance with the European directive on hazardous substances.

to Regulation (EC) No 1272/2008 (CLP).

Continuous filament glass fibre not considered breathable.

The World Health Organisation defines a respirable fibre as one with a diameter (d) < 3 µm, a length (l) > 5 µm and a ratio l/d ≥ 3.

Continuous filament glass fibres are listed by the IARC (International Agency for Research on Cancer) as belonging to Group 3 (not classifiable as a human carcinogen).

#### 11.2 Information on other hazards

##### **Hormone-disrupting properties**

The substance/mixture does not contain any components that may have endocrine disrupting properties in accordance with Article 57(f) of REACH or Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a level of 0.1% or more.

### **SECTION 12: Ecological information**

#### 12.1 Toxicity :

Not considered an environmental hazard.

#### 12.2 Persistence and degradability :

Not significant due to the physical form of this product.

#### 12.3 Bioaccumulation :

Not significant due to the physical form of this product.

#### 12.4 Mobility in soil :

Not significant due to the physical form of this product.

#### 12.5 Results of PBT and vPvB assessment :

As this product is an article, this section does not apply.

#### 12.6 Endocrine disrupting properties

No data available.

#### 12.7 Other adverse effects :

None known.

### **SECTION 13: Disposal instructions**

#### 13.1 Waste treatment methods :

Dispose of waste at an approved waste disposal site in accordance with the requirements of the local waste disposal authority.

### **SECTION 14: Transport information**

#### 14.1 UN number

This product is not dangerous to transport.

#### 14.2 Proper shipping name according to UN Model Regulations

This product is not dangerous to transport.

#### 14.3 Transport hazard class(es)

This product is not dangerous to transport.

#### 14.4 Packaging group

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This product is not dangerous to transport.

#### 14.5 Environmental risks

This product is not dangerous to transport.

#### 14.6 Special precautions for the user

This product is not dangerous to transport.

#### 14.7 Transport in bulk in accordance with Annex II of MARPOL 73/78 and the IBC Code.

Product cannot be transported in large quantities.

### **SECTION 15: Statutory information**

#### 15.1 Safety, health and environmental regulations and legislation specific to the substance or mixture :

##### **National regulations**

This product and its components are considered to be an Article whose release is unintentional in accordance with REACH Regulation EC N° 1907/2006.

##### **European Union :**

Continuous filament glass fibre is not considered to be a hazardous substance under Regulation (EC) No 1272/2008 (CLP).

This product does not contain any substances subject to authorisation under Annex XIV of REACH Regulation N°1907/2006, nor any substances of very high concern in accordance with Article 59(10) at a concentration >0.1% (w/w).

##### **US, EPA, TSCA :**

This product is an article, as defined by the TSCA (Toxic Substances Control Act), and does not need to be listed in the US EPA (US Environmental Protection Agency) TSCA inventory.

#### 15.2 Chemical safety assessment :

As this product is an article, it is not necessary to communicate the chemical safety assessments of the components.

### **SECTION 16: Other information**

#### **Full text of other abbreviations**

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road (ADR Agreement); AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Association for the Testing of Materials; bw - Body Weight; CLP - Regulation on Classification, Labelling and Packaging; Regulation (EC) No 1272/2008; CMR - Carcinogenic, mutagenic or toxic to reproduction; DIN - German Standard or Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - EINECS Number; ECx - Concentration associated with a response of x%; ELx - Loading capacity associated with a response of x%; EmS - Emergency Schedule; ENCS - Existing and New Chemicals (Japan); ErCx - Concentration associated with a growth response of x%; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - IMO International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk; IC50 - Intermediate Inhibitory Concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory List of Existing Chemicals in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organization for Standardization; KECI - Korean Inventory of Existing Chemicals; LC50 - Lethal concentration for 50% of a tested population; LD50 - Lethal dose for 50% of a tested population (median lethal dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.n.o.s. - Not Otherwise Specified; NO(A)EC - No discernible (negative) effect on concentration; NO(A)EL - No discernible (negative) effect on level; NOELR - No discernible effect on carrying capacity; NZIoC - New Zealand Inventory of Chemicals; OECD - Organisation for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic; PICCS - Philippine Inventory of Chemicals and Substances; (Q)SAR - Quantitative Structure-Activity Relationships; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH); RID - Regulation concerning the International Carriage of Dangerous Goods by Rail (RID); SADT - Self-accelerating decomposition

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temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwanese Inventory of Chemical Substances; TECI - Inventory of Chemical Substances Existing in Thailand; TRGS - Technical Regulation on Hazardous Substances; TSCA - Toxic Substances Control Act (USA); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative.

## More information

### Training advice :

Provide users with appropriate information, instructions and training.

## General information

This safety data sheet has been drawn up in accordance with the requirements of Commission Regulation (EC) No 1907/2006, Annex II, as amended.

The product must be used in accordance with good industrial hygiene practice and comply with all legal requirements. All information has been compiled with due diligence and is based on the current extent of our knowledge. Its purpose is to describe the product from a safety point of view and should not be construed as a guarantee of any particular property. All products are supplied subject to our standard GTC which contain limitations of liability.