

# SAFETY DATA SHEET

## LINK GLASS FABRIC TAPE 012

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

<b>1.1 Product identifier</b>	
Product name	LINK GLASS FABRIC TAPE 0,12

<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>	
Intended use	TEXTILE SURFACE MADE OF WOVEN FILAMENT YARN

<b>1.3 Details of the supplier of the safety data sheet.</b>	
Name	LINK INDUSTRIES SPA
Full address.	Ponte Morosini 49
District and Country.	16126 - Genova - ITALIA Tel. +39 010.2546901 Fax. +39 010.2546999
e-mail address of the competent person responsible for the Safety Data Sheet	tecnico.isolamento@linkindustries.com

<b>1.4 Emergency telephone number.</b>	
For urgent inquiries refer to	To be used only for advice on chemical emergencies, spillages, fires or First Aid: For emergencies in US/Canada: CHEMTREC - 8004249300 For emergencies in rest of the world: CARECHEM24 - +44(0)1235239670

### SECTION 2. Hazards identification

<b>2.1 Classification of the substance or mixture.</b>	
Not classified	
Hazard classification and indication:	-

#### 2.2 Elements of the label

Hazard pictograms:	-
Signal words:	-
Hazard statements:	-
Precautionary statements:	-

<b>2.3 Other hazards.</b>	
Continuous filament glass fibre is not consider dangerous substance, according to Regulation (EC) No. 1272/2008 (CLP). Continuous filament glass fibre is not respirable. World Health Organization defines a respirable fibre as a fibre with a diameter (d) <3 micrometres, a length (l) >5 micrometres and 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 condition 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.

### SECTION 3. Composition/information on ingredients

#### 3.1 Substances

Information not relevant.

#### 3.2 Mixtures

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

### SECTION 4. First aid measures

#### 4.1 Description of first aid measures

<b>EYES</b>	Contamination by fibre should be removed by flushing with water for at least 15 minutes. Seek medical attention if irritation persists.
<b>SKIN</b>	In case of contact with the product or the cured product dust or particulate, immediately wash skin with mild soap and 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.
<b>INGESTION</b>	If fibre from product is ingested, immediately rinse mouth repeatedly with water. If swallowing has occurred, do not induce vomiting. If requested give affected person sips of water. Seek medical attention.
<b>INHALATION</b>	With any sign of respiratory distress, affected persons should be taken into fresh air, and made to rest while medical attention is sought.

#### 4.2 Most important symptoms and effects, both acute and delayed

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.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No specific recommendations. If in doubt, get medical attention promptly.

### SECTION 5. Firefighting measures

#### 5.1 Extinguishing media

<b>Suitable extinguishing equipment</b>	Water spray, dry powder or carbon dioxide.
<b>Unsuitable extinguishing equipment</b>	Do not use water jet as an extinguisher, as this will spread the fire.

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

Hazards caused by exposure in the event of fire

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 the actual conditions of the fire.

**5.3 Advice for firefighters**

Protective equipment

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

**SECTION 6. Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

Due to the physical nature of the product, there is no requirement for special protective clothing in the event of an accidental release.

**6.2 Environmental precautions**

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

**6.3 Methods and material for containment and cleaning up**

Clean affected area, and dispose of product and cleaning materials in accordance with local regulation.

**6.4 Reference to other sections**

For personal protection, see Section 8. For waste disposal, see Section 13.

**SECTION 7. Handling and storage**

**7.1 Precautions for safe handling**

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. Wash skin thoroughly after handling. Use appropriate skin cream to prevent drying of skin. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace.

**7.2 Conditions for safe storage, including any incompatibilities**

Store in tightly-closed, original container. Keep container dry.

**7.3 Specific end use(s)**

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

## SECTION 8. Exposure controls/personal protection

### 8.1 Control parameters.

No exposure limits known for ingredient(s).

### 8.2 Control parameters

Provide adequate ventilation.

HAND PROTECTION	It is recommended that protective gloves are worn when handling the product.
SKIN PROTECTION	Recommendation: 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.
EYE PROTECTION	Wear approved safety spectacles, goggles or facemask when working product by hand or machining with power tools.
RESPIRATORY PROTECTION	For comfort, an approved dust mask can be worn where fibre or particulates are present.

## SECTION 9. Physical and chemical properties

### 9.1 Information on basic 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 not toxic effect.
pH	not relevant due to the physical form of this product.
Melting point/freezing point	Softening ASTM C-338: ~650°C
Initial boiling point	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.
Lower explosive limit	not relevant due to the physical form of this product.
Upper explosive limit	not relevant due to the physical form of this product.
Vapour pressure	not relevant due to the physical form of this product.
Vapour 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

### 9.2 Other information

No information required.

## SECTION 10. Stability and reactivity

### 10.1 Reactivity

There are no known reactivity hazards associated with this product.

**10.2 Chemical stability**

Stable at normal ambient temperatures.

**10.3 Possibility of hazardous reactions**

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

**10.4 Conditions to avoid**

Avoid heat, flames and other sources of ignition.

**10.5 Incompatible materials**

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

**10.6 Hazardous decomposition products.**

Does not decompose when used and stored as recommended. In an emergency situation leading to elevated temperature, there may release of toxic gases and vapours. The products of combustion and decomposition will depend on other materials present in the fire and the actual conditions of the fire.

**SECTION 11. Toxicological information**

**11.1 Information on toxicological effects**

Not regarded as a health hazard under current legislation. Continuous filament glass fibre is not considered a dangerous substance, according to Regulation (EC) No 1272/2008/ (CLP). Continuous filament glass fibre is not considered 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. Continuous filament fibre is listed by the International Agency for Research on Cancer (IARC) as a Group 3 (not classifiable as a human carcinogen).

**SECTION 12. Ecological information**

**12.1 Toxicity**

Not regarded as dangerous for the environment.

**12.2 Persistence and degradability**

Not relevant due to the physical form of this product.

**12.3 Bioaccumulative potential**

Not relevant due to the physical form of this product.

**12.4 Mobility in soil**

Not relevant due to the physical form of this product.

**12.5 Results of PBT and vPvB assessment**

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

**12.6 Other adverse effects**

None known.

**SECTION 13. Disposal considerations**

**13.1 Waste treatment methods**

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

**SECTION 14. Transport information**

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

**14.1 UN number**

This product is not dangerous to transport.

**14.2 UN proper shipping name**

This product is not dangerous to transport.

**14.3 Transport hazard class(es)**

This product is not dangerous to transport.

**14.4 Packing group**

This product is not dangerous to transport.

**14.5 Environmental hazards**

This product is not dangerous to transport.

**14.6. Special precautions for user**

This product is not dangerous to transport.

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Product not transported in bulk.

**SECTION 15. Regulatory information**

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

Seveso Category - Directive 2012/18/EC	None
Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006.	None
Substances in Candidate List (Art. 59 REACH)	On the basis of available data, the product does not contain any SVHC in percentage greater than 0,1%.



Substances subject to authorisation (Annex XIV REACH).	None
Sostanze soggette ad obbligo di notifica di esportazione Reg. (CE) 649/2012	None
Substances subject to the Rotterdam Convention	None
Substances subject to the Stockholm Convention	None
Healthcare controls	None

### 15.2 Chemical safety assessment.

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

## SECTION 16. Other information

### LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IMDG: International Maritime Code for dangerous goods
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- ATE: Acute Toxicity Estimate
- EINECS: European Inventory of Existing Commercial Substances
- ELINCS: European List of Notified Chemical Substances
- EPA: Environmental Protection Agency
- EU: European Union
- ICAO: International Civil Aviation Organization
- Kow: Octanol-water partition coefficient
- n.o.s. Not otherwise specified
- PPE: Personal Protection Equipment
- SADT: Self-accelerating decomposition temperature
- SCBA: Self-Contained Breathing Apparatus
- STOT: Specific Target Organ Toxicity
- (STOT) RE: Repeated Exposure
- (stot) SE: Single Exposure
- SVHC: Substance of Very High Concern
- TSCA: Toxic Substances Control Act
- UN: United Nations
- VOC: Volatile Organic Compound

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-vPvB: Very Persistent and very Bioaccumulative

**General information:** this safety data sheet has been written in accordance with the requirements of the Commission Regulation (EC) No 453/2010 del 20 maggio 2010.

**Issued by:** European Product Stewardship department.

**Revision:** 1 of 06/05/2015 supersedes revision 0 of 12/07/2013.

The product should be used in accordance with good industrial hygiene practice and compliance with any legal requirements. All information has been compiled with due diligence and is based on the present state of our knowledge. It is intended to describe the product from a point of view of safety and should not therefore be construed as guaranteeing any specific property. All products are supplied subject to our Standard Conditions of Sale which contains limitations on liability.