



# SAFETY SPECIFICATION SHEET

(EEC Directive 93/112)

SDS N.: SIS\_FV\_ENG

Rev.: 00

Date: 30.11.99

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## 1. Details of company and substances or compound

**1.1 Production and/or distribution company: QUARTULLI TESSILI srl**

Variante S.S. 16, n.1

72100 **BRINDISI** - Italia

Tel.: 0831.57.30.63

Fax: 0831.5736.97

**1.2 Commercial name of product:**

FV 750					
FV 1250					
FV 1500					

## 2. Content composition/information

### 2.1 Composition:

Woven fabrics produced with type **E** fibreglass (electric) **C** (continuous thread), with a fibre diameter equal to or more than 9 microns, impregnated with suitable dressing so as to give the fabric appropriate resistance to the cement alkali.

### 2.2 Ingredients:

<u>General chemical name</u>	<u>Concentration %</u>
Type E glass .....	> 75 %
dressing ( latex and water based emulsions )	< 25 %

**2.3 Anticipated utilisation**..... as reinforcement for interior and exterior plastering (blanket insulation).

## 3. Hazard risk information

Normal precautions to adopt in order to avoid risks to health :

- 3.1 keep away from heat sources;
- 3.2 avoid inhaling or swallowing dusts;
- 3.3 keep away from food and drinks;
- 3.4 contact with skin can cause momentary irritation;
- 3.5 direct contact with eyes may provoke momentary irritation .

## 4. First aid measures

- 4.1 In the event of *inhalation* move away from the place of exposure. If necessary blow nose several times .
- 4.2 In the event of *swallowing* rinse mouth with plenty of water .
- 4.3 In the case of *skin contact* wash affected area with plenty of water.
- 4.4 In the case of eye contact wash affected part with running water.

## 5. Fire prevention measures

- 5.1 **extinguishing equipment:** water, foam, carbon dioxide, chemical powders.
- 5.2 **Physical exposure risks** to combustion products: not applicable.
- 5.3 **Special protection equipment** for persons designated to fire fighting: not applicable.

## 6. Measures adopted in the case of accidental leakage

- 6.1 **individual precautions** : not applicable.
- 6.2 **environmental precautions:** not applicable.



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## 7. Handling and Storage

- 7.1 Handling:** wear long sleeved clothing; the use of working gloves is also advised; eye protection equipment may also be useful during handling .
- 7.2 Storage:** Store materials in a dry place away from atmospheric agents and heat sources .

## 8. Personal exposure/protection control

No particular precautions are required during normal working conditions. Where there are powders or free fibres present, or in the case of irritation during use, it is advisable to use long sleeved clothing and wear protective gloves, glasses and anti-dust masks.

## 9. Physical and chemical characteristics

<b>Appearance</b> .....	solid
<b>Form</b> .....	weave
<b>Colour</b> .....	white or coloured
<b>Odour</b> .....	odourless
<b>pH</b> .....	not applicable
<b>Boiling point</b> .....	not applicable
<b>Melting point</b> (glass) .....	approx.. 1200 °C
<b>Softening point</b> (glass) .....	600-700 °C
<b>Inflammability</b> .....	not applicable
<b>Self-inflammability</b> .....	not applicable
<b>Explosive characteristics</b> .....	not applicable
<b>Combustive characteristics</b> .....	not applicable
<b>Steam pressure</b> .....	not applicable
<b>Relativa Density (at 20°C)</b> (glass) .....	approx. 2 g/cm <sup>3</sup>
<b>Hydrosolubility</b> .....	not applicable
<b>Liposolubility</b> .....	not applicable
<b>N-octane/water division coefficient</b> .....	not applicable

## 10. Stability and reactivity

<b>Stability</b> .....	stable material.
<b>Chemical incompatibility</b> .....	fluorohydric acid (only for glass).
<b>Conditions to be avoided</b> .....	none in normal working conditions.
<b>Hazardous decomposition products</b> .....	none in normal working conditions .

## 11. Toxicological Information

**Situation:** studies conducted in Europe and the United States have not shown significant increases in pathologies resulting from exposure to fibreglass . On the basis of epidemiological statistics and laboratory data on animals, glass fibres are not classified as cancerogeneous to man . The product is not considered cancerogenous by the IARC (International Agency for Research on Cancer), NTP (National Toxicology Program) e OSHA (Occupational Safety and Health Administration).

<b>Sensitizing factor</b> .....	these fibres do not generally provoke sensitivity .
<b>Acute toxicity</b> .....	massive inhalation of dusts may cause irritation of the respiratory organs.
<b>Irritation factor</b> .....	contact with skin and eyes may cause irritation.
<b>Cancerogenic risk</b> .....	at present no evaluations have been made by official bodies.
<b>Mutagenic factor</b> .....	as above.
<b>Teratogenic factor</b> .....	as above.
<b>Principal penetration paths</b> .....	ingestion e inhalation.



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## 12. Ecological Information

**Persistence/degradability**..... non biodegradable product.  
**Hazard risk**..... environmentally non toxic material.

## 13. Disposal information

Product should be disposed of on the basis of regulations currently applied by relative local authorities/bodies. Basic disposal consists of depositing product in authorised landfills .

## 14. Transport Information

There are no restrictive regulations applicable to the transport of fibreglass products. They should, therefore, be considered as "*non hazardous in terms of transport by road, sea and air*".

## 15. Regulatory information

Fibreglass is not considered as hazardous to users.  
It does not contain substances which are subject to mandatory declaration .  
Users are advised to observe norms applicable to health and safety at work .

## 16. Other details

This fact sheet conforms to EEC directive 93/112/CEE.

The information contained in this safety sheet is based on data available at the time of printing and is conformant to the requirements laid down by Decree law n.285 dated 16/07/1998 and the ministerial decree issued 04/04/1997 implementing Decree law n.52 dated 3/02/1997.

No responsibility is undertaken for any improper use of the materials covered in this specification sheet.

It is the responsibility of the user to observe norms relating to hygiene, safety and protection of the environment as prescribed by current legislation.

The information contained in this sheet is intended to provide a description of the characteristics of the products for the purposes of safety; it is not, therefore, to be taken as a guarantee of the properties of the products in question.