

**Safety Data Sheet**

1907/2006/EU (Annex II, article 31) – 453/2010/EU  
**FIBER-SPLINT (family)**

**POLYDENTIA SA**

Status 09.04.2015/AR  
 Page 1 of 3

1. Product identification/preparation/company undertaking

Product details:  
 Trade name:

**Fiber-Splint / Fiber-Splint ML (Multi-Layer)**  
**Fiber-Splint Ortho Evolution**  
**Fiber-Splint Lab Ret**  
**Fiber-Splint Lab Bridge**  
*(glass fiber bands for dental splintings)*

Manufacturer/supplier:

Polydentia SA  
 Via Cantonale 47  
 6805 Mezzovico-Vira (Switzerland)

Emergency information:

Polydentia SA  
 Tel. +41 91 946 29 48 / Fax +41 91 946 32 03

2. Composition/information on ingredients

Preparation:  
 Chemical/Generic Name:  
 Components:  
 E glass  
 Size (silane, cotton)

Sized E Glass  
 Concentration  
 >98 %  
 < 2%

3. Hazards identification

Most important hazards / human health effects:

Handling of glass filaments may cause temporary skin, eye and upper respiratory tract irritation.

4. First-aid measures

Inhalation:  
 Ingestion:  
 Skin contact:  
 Eye contact:  
 Allergy:

Remove of scene of exposure  
 Seek medical advice  
 Clean immediately with soap and lukewarm water  
 Flush well with running water for 10 minutes  
 Remove from scene of exposure

5. Fire-fighting measures

Recommended extinguishing media:

Use water or powder (only the packaging burns if it is made of polythene or cardboard).

6. Accident release measures

Personal precautions:  
 Environmental precautions:

Not concerned  
 Respect local regulations for transport of waste from inert products  
 Sweep and shovel in containers designed for glass filaments waste

Method of cleaning up:

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Status 09.04.2015/AR  
 Page 2 of 3

**7. Handling and storage**

Handling:  
 Technical measures/precautions/safe handling advice:  
 "sensitive people" should avoid long skin contact.

Storage:  
 Technical measures: Not concerned  
 Incompatible products: Not concerned  
 Packaging materials: The product should be stored in its original packaging. Avoid excessive handling.

**8. Exposure controls – personal protection**

Engineering measures: No special recommendation for product use in normal conditions.  
 Control parameters  
 Limit values: No limit values for exposure time  
 Personal protective equipment:  
 Respiratory protection: During occasional operations such as unloading or cleaning, wear a paper mask.  
 Eye protection: "sensitive people" should wear gloves.  
 Skin and body protection: Wear long sleeves to avoid irritation.

**9. Physical and chemical properties**

Physical state: solid  
 Form: Continuous glass filaments  
 Colour: white  
 Odour: none  
 pH: Not applicable  
 Special temperature at which changes in physical state occur: Melting point 1200° C  
 Decomposition temperature: Only the size is decomposed from 400°C  
 Flashpoint: Not concerned  
 Explosion properties: Not concerned  
 Density: 2.6 g/cm<sup>3</sup>  
 Solubility: Very slight solubility in water. Size is soluble in contact with organic solvents.

**10. Stability and reactivity**

Stability: Stable in storage conditions  
 Possible hazardous reactions: Glass filaments are a stable product causing no chemical hazardous reaction.  
 Hazardous decomposition products: When the combustion is kept going, small quantities of CO and CO<sub>2</sub> may result from the size decomposition.

**11. Toxicological information**

Acute toxicity: Not concerned  
 Local effects: Handling of glass filaments may cause temporary skin, eye and upper respiratory irritation.  
 Sensitization: Rare possibilities of allergy

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Status 09.04.2015/AR  
 Page 3 of 3

12. Ecological information

Persistence / degradability:

The product is not biodegradable

13. Disposal considerations

Waste:

Respect local disposal regulations regarding inert products (dump corresponding to products classified as "non hazardous").

Packaging:

Not concerned

14. Transport information

International regulations:

Glass filaments are not considered as dangerous according to transportation regulations and are therefore subject to no special procedure.

15. Regulatory information

Glass filaments are not considered as dangerous for users. Respect general Health and Safety regulations.

Glass filaments are not chemical substances and consequently, they do not appear in the EU Directive list

16. Other information

FOR PROFESSIONAL USE ONLY

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

The receiver of this product must take responsibility for observing existing laws and national regulations.

POLYDENTIA SA is not held liable for any damage resulting from handling or contact with above mentioned products.