

**E.C. – Safety Data Sheet
 (91/155/EEC)
 FIBER-SPLINT (family)**

POLYDENTIA SA
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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 splinting)**

Manufacturer/supplier:

Polydentia SA
 CH-6805 Mezzovico, 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 – sticking agents – lubricants)

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

Method of cleaning up:

Sweep and shovel in containers designed for glass filaments waste

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7. <u>Handling and storage</u>	
Handling: Technical measures/precautions/safe handling advice: "sensitive people" should avoid long skin contact.	
Storage: Technical measures: Incompatible products: Packaging materials:	Not concerned Not concerned The product should be stored in its original packaging. Avoid excessive handling.
8. <u>Exposure controls – personal protection</u>	
Engineering measures: Control parameters Limit values: Personal protective equipment: Respiratory protection: Eye protection: Skin and body protection:	No special recommendation for product use in normal conditions. No limit values for exposure time During occasional operations such as unloading or cleaning, wear a paper mask. "sensitive people" should wear gloves. Wear long sleeves to avoid irritation.
9. <u>Physical and chemical properties</u>	
Physical state: Form: Colour: Odour: pH: Special temperature at which changes in physical state occur: Decomposition temperature: Flashpoint: Explosion properties: Density: Solubility:	solid Continuous glass filaments white none Not applicable Melting point 1200° C Only the size is decomposed from 400°C Not concerned Not concerned 2.6 g/cm ³ Very slight solubility in water. Size is soluble in contact with organic solvents.
10. <u>Stability and reactivity</u>	
Stability: Possible hazardous reactions: Hazardous decomposition products:	Stable in storage conditions Glass filaments are a stable product causing no chemical hazardous reaction. When the combustion is kept going, small quantities of CO and CO ₂ may result from the size decomposition.
11. <u>Toxicological information</u>	
Acute toxicity: Local effects: Sensitization:	Not concerned Handling of glass filaments may cause temporary skin, eye and upper respiratory irritation. Rare possibilities of allergy

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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.

16. Other information

EINECS:
 Glass filaments are not chemical substances and consequently, they do not appear in the list EINECS.

This Safety Data Sheet has been drawn up according to the EC Commission Directive 92/42/EEC.