

**MATERIAL SAFETY DATA SHEET: *SPLINTMAT™* NYLON  
*Splinting Material***

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1 of 5

**1. IDENTIFICATION OF SUBSTANCE**

Product name  
Description of Product  
Chemical Description:

***SPLINTMAT™***  
for stabilizing loose teeth and for denture repairs

**MANUFACTURER :**

**LA MAISON DENTAIRE SA. – FL 9496 BALZERS**

**Distributor :**

**MEDIREL SA. – CH 6982 Agno /Switzerland  
Tel. +41 91 604 54 34**

**2. Composition/ Components data:**

**2.1. Chemical characterization :**

Polyamide 6 resin monofilament, with or without coloring, additives and stabilizers. Surface treatment with spinfinish oil (<1%)

**2.2. Dangerous components:**

**Not notable**

**3. Hazards Identification**

3.1 Specific risks:

none

3.2 Classification System:

this product, according to the EEC directives 91/155/CEE and 88/379/CEE, is not classified as dangerous.

**4. First-aid measures:**

4.1 General Information:

At room temperature the product is neither an irritant nor gives off Hazardous vapours.

4.2. After eye-contact:

Not pertinent

4.3. After skin-contact:

Not pertinent

4.4. After inhalation:

Not pertinent

4.5. After ingestion:

Not pertinent

**5. Fire-fighting measures:**

- 5.1. Suitable fire extinguishing agents: Water haze, foam, carbon dioxide, chemical powder
- 5.2. For safety reasons unsuitable extinguishing agents: None
- 5.3. Special hazards caused by the material, its product of combustion or resulting gases:  
In case of fire it can release water, ammonia, carbon dioxide, and when lacking oxygen, Carbon monoxide.
- 5.4. Protection measures in case of fire: In case of fire in a close room, use self-protectors for the defence of respiratory organs.
- 5.5. Other advices: Treat the material as any other solid material which can burn. For the first aid, rinse out carefully with water, treat wounds like burns caused by contact with melted material.

**6. Accidental release measures:**

- 6.1. Person-related safety precautions: no specific measures are necessary. See point 8
- 6.2. Measures for environmental protection: no special measures required. See points 12-13.
- 6.3. Measures for cleaning/collecting: see point 13. Put into a labelled container and provide safe disposal.
- 6.4. Additional information: collect spilled yarn: it could cause falls (danger of slipping).

**7. Handling and storage:**

- 7.1. Handling: No special requirements are necessary, if handled at room temperature.  
Avoid spilling the product, this might cause falls.
- 7.2. Storage: Protection against fire: keep away from ignition sources. Take precautionary  
Measures to prevent the formation of static electricity. Do not smoke. Open flames  
Prohibited. Store the product in their cartoons and boxes. Store under dry conditions.  
Store inside, not in the open air and not under the sunlight.

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**Date of issue September 2010**

***Splinting Material***

---

**8. Individual Protection:**

- 8.1. Respiratory protection: Not required
- 8.2. Hand protection: Not required
- 8.3. Eyes protection: Not pertinent
- 8.4. Other protection: Safety shoes

**9. Physical and Chemical Properties:**

- 9.1. Physical state : Solid, continuous yarn wrapped on bobbins or cospes. Odorless.  
pH not pertinent.
- 9.2. Melting temperature: 220°C
- 9.3. Solubility: Insoluble in water
- 9.4. Density: >1 g/cc (at 20°C)
- 9.5. Flash point: Not applicable
- 9.6. Ignition temperature: >400°C
- 9.7. Decomposition temperature: >350°C

**10. Stability and Reactivity:**

- 10.1. Thermal decomposition/ conditions to be avoided: The product is stable at normal handling and storage conditions.
- 10.2. Materials to be avoided: strong oxidation agents.
- 10.3. Dangerous reactions or dangerous products of decomposition: no dangerous reactions known,  
No hazardous decomposition products known at room temperature.
- 10.4. Preventive measures: Not requested.

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---

**11. Toxicological Information:**

- 11.1. No toxicological effects known. The monofilament is not toxic.
- 11.2. Additional toxicological information: when used and handled according to specifications, The product does not have any harmful effect, according to our experience and the information provided to us.

**12. Ecological Information:**

The monofilament is not dangerous for the environment. The product is not biodegradable.

The spinning oil, when removed by the proper solvents or cleansing, it has to be handled carefully, In order to avoid environmental contamination.

**13. Disposal considerations:**

- 13.1. Environment protection:
- 13.1.1. Regulation for the elimination: according to the local rules.
  - 13.1.2. Discharge: no particular precaution, it can be eliminated as waste, following the local rules.
  - 13.1.3. Incineration: to be done in suitable equipment, the product is not biodegradable.

**14. Transport Information:**

According to international guidelines, which regulate the road-, rail- air- and sea-transport, this product is classified as not dangerous.

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---

**15. Regulatory Information:**

- 15.1. Indication: particular indication are not noticed
- 15.2. Compulsory labeling: not requested
- 15.3. Danger symbols: not requested
- 15.4. Danger indications: not requested
- 15.5. Danger descriptions: not requested
- 15.6. Advice of prudent use: not requested

**16. Other Information:**

- 16.1. For further information see the technical specification of each single product.
- 16.2. The information supplied has been based upon the current level of information available, for the purpose of specifying the requirements regarding environment, health and safety in conjunction with the product. They are not to be considered as a warranty for specific product characteristics. LMD takes no responsibility for inappropriate use, processing and handling by purchasers and users of the product. These data are based on our present knowledge. They shall not establish a legally valid contractual relationship. Actual rules and laws have to be observed by the user, who is therefore responsible for respecting them.

**CE Class I**

*The information presented herein is believed to be factual as it has been derived from the works of persons believed to be qualified experts. However, nothing contained in this information is to be taken as a warranty or representation for which La Maison Dentaire bears legal responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate*