

# SAFETY DATA SHEET: **BD11, BD12, BD13 & BD14 FIBREGLASS CLOTH**

EC Safety data sheet (1907/2006/EC)

page 1 of 4

Version: 1.2 / EN

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

**1.1.** Trade name : Woven fabrics  
**1.2.** Application : Model Hobby  
**1.3.** Company : Deluxe Materials Ltd. Unit 13, Cufaude Business Park, Cufaude Lane, Bramley  
Hampshire RG26 5DL United Kingdom  
Telephone : +44 (0) 1256 883 944  
Email : info@deluxematerials.com

**1.4.** Emergency  
Tel no : +44 (0) 1256 883 944

## 2. Hazards identification

### 2.1 Classification of the substance or mixture

Mineral fibres (without exception) of a diameter larger than 5  $\mu\text{m}$ , can cause reversible mechanical irritations to the eyes and the skin as a result of the fibre diameter. In high concentrations of dust the upper respiratory system can be affected by mechanical irritations. If an excessive amount of fibrous dust is generated during any mechanical treatment of the material, it can be reduced by dust exhaust systems or by natural ventilation.

### 2.2. Label elements

**Pictogram(s):** N/A  
**Signal word:** N/A  
**Hazard statement(s):** N/A  
**Precautionary statement(s):** N/A  
**Supplemental label information (EU):** N/A

### 2.3. Other hazards

None specified.

## 3. Composition / Information about components

Article:

### 3.1. Mixture

Product/Article	Identifiers	%	Classification		REACH Registration Number
			67/548/EEC	1272/2008	
Fibrous glass, continuous filament (E-glass)	65997-17-3	> 98,5%	Not classified	Not classified	Article, no registration necessary.
Sizing	Not available	>1,5%	Not classified	Not classified	

## 4. First aid measures

### 4.1. Description of first aid measures

At eye irritation: Do not rub but flush with plenty of water  
At skin irritation: Wash with water, then use skin cream or emulsion with oil, if necessary  
Irritation of upper respiratory system: Fresh air

# SAFETY DATA SHEET: **BD11, BD12, BD13 & BD14 FIBREGLASS CLOTH**

EC Safety data sheet (1907/2006/EC)

page 2 of 4

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## 5. Fire fighting measures

Suitable extinguishing media: All standard extinguishing media  
Not to be used: Not applicable  
Further information: -

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## 6. Measures at unintended release

Personal precautions  
Avoid formation of dust. Respiratory mask P 1, if necessary.  
Environmental protection measures.  
Methods for cleaning/taking up: Vacuum clean with suitable device. Avoid formation of dust.

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## 7. Handling and storage

Handling  
At mechanical or manual handling increased dust formation may be found. Dust should be removed by suction ventilator (mechanical irritation of skin and upper respiratory system possible).  
Storage: -  
Fire and explosion protection: -

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## 8. Exposure limits and personal protective equipment

Components with job-referred critical values to be controlled  
General critical value of the dust: 10 mg/m<sup>3</sup> inhalable dust (German limit value).  
Personal protection equipment:  
Respiratory protection: P 1 mask, if necessary.  
Hand protection: Working gloves, if necessary.  
Eye protection: Tight safety goggles, if necessary  
Other: Long-sleeved loose-fitting clothes, creams or emulsions.  
General protection and hygiene measures  
Lay down and clean work clothing separately. Clean unprotected skin surfaces with water.

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## 9. Physical and chemical properties

Appearance:  
Form: solid                      Colour: varies according to product                      Odour: no odour

Data related to safety:  
Change of physical state: softening temperature at: > 800°C  
melting temperature at: > 1300°C  
Flash point : n.a.                      degr. C  
Ignition temperature: n.a.                      degr. C  
Explosion risk: n.a.  
Explosion limits: lower: -                      upper: -

Steam pressure at : degrees C: h.a.    hpa

Density at: 20°C : -                      g/cm<sup>3</sup>  
Bulk density at    degr. C:                      kg/m<sup>3</sup>

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# SAFETY DATA SHEET: **BD11, BD12, BD13 & BD14 FIBREGLASS CLOTH**

EC Safety data sheet (1907/2006/EC)

page 3 of 4

Version: 1.2 / EN

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## 10. Stability and reactivity

Conditions to be avoided

Thermal decomposition: Natural rubber coating: from approx. 90 °C on the natural rubber starts to lose some of its elasticity.  
Organic attendant material (slashing) from 120°C on wards.  
Coating from abt. 180 °C.  
Silicone from abt. 250°C  
Glass fibre: No decomposition at proper use.

Cut proof/self-adhesive: At first shock heating to high temperatures the organic components decompose within short, brief flashing may occur.

Hazardous reactions:

At contact with hydrofluoric acid (HF) tetrafluorosilane (SiF<sub>4</sub>) may be formed.

Hazardous decomposition products:

At decomposition of the organic parts CO<sub>2</sub> or CO may be formed subject to air supply.

Further information:

At normal first heating to more than 180°C the organic parts slowly begin to decompose.

At first heating of needle mat, use normal ventilation, if necessary.

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## 11. Information on toxicology

Acute toxicity: n.a.

Irritating effects on eyes, skin and upper respiratory tract:

Mineral fibres (without exception) of a diameter larger than 5 µm, can cause reversible mechanical irritations to the eyes and the skin as a result of the fibre diameter. In high concentrations of dust the upper respiratory system can be affected by mechanical irritations.

Alufix coating: When first heating the material traces of low temperature carbonisation gases may be released. A preventive measure in this first phase should be sufficient ventilation.

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**12. Information on ecology** No ecologically detrimental effects known.

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## 13. Notes on disposal

Product: Can be disposed on regular disposal site observing local regulations

Waste code for unused product: 101103

Uncleaned packing material: -

Recommendations: Avoid formation of dust during disposal

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**14. Notes on transport** The product is no dangerous cargo. Avoid the formation of dust.

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## 15. Control measures

Directive 67/548/EEC and 1272/2008: Not classified

Product/Article contained long, continuous fibres with a defined diameter, not fibres with random orientation according to the EC-definition for mineral wool.

Frenzelit continuous filament glass fibres products are defined as articles under REACH and therefore a Safety Data Sheet for these products is not a legal requirement.

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# SAFETY DATA SHEET: **BD11, BD12, BD13 & BD14 FIBREGLASS CLOTH**

EC Safety data sheet (1907/2006/EC)

page 4 of 4

Version: 1.2 / EN

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## **16. Further Information:**

n.a. = not applicable

Division issuing data sheet:

Safety at work / Environmental protection

Contact:

info@deluxematerials.com

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The information set forth herein is based on our knowledge as of the date of issue but is no warranty with respect to product properties and does not establish any legal relationship.