

**Safety data sheet according to regulation**  
(EC) No 1907/2006 and (EC) No 1272/2008



**Trade name:** Bolit Seal  
**Created on:** 01.03.2010  
**Issue date:** 01.06.2015  
**Version:** V2.1  
**Replaces former version:** V2.0  
**Revision datet:** 20.09.2017  
**File name:** Bolit-Seal\_en\_SDB

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**1. Designation of Material/Preparation/ and Company**

**Trade-name :** Bolit Seal

**REACH registration number:** none

**Product Information:**

Textiles made from highly temperature-stable glass yarns, E-glass filament yarns created by the continuous filament process and coated with a sizing material.

**Manufacturer/Supplier :**

Techno-Physik Engineering GmbH

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**2. Composition: Information on Constituents**

Chemical Characterisation:

Textiles made from highly temperature-stable glass yarns, E-glass filament yarns created by the continuous filament process and coated with a sizing material.

Constituents: E-glass in accordance with DIN 1259 Teil 1, an aluminoborosilicate glass containing > 1% alkali by weight for general production for electrical applications. Percentage glass 99%, percentage size 1%.

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**3. Potential Hazards**

**3.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008 The substance is not classified according to the CLP regulation since it is an article.

**3.2 Label elements**

Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

**3.3 Other hazards**

**Results of PBT and vPvB assessment**

PBT: Not applicable

vPvB: Not applicable

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#### **4. First-aid Precautions**

- 4.1 after skin contact Wash the affected areas of skin with water and mild soap.  
Do not use any other cleansing agents.
- 4.2 after contact with the eyes Rinse the eyes with water
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#### **5. Fire-fighting Precautions**

Use an extinguisher appropriate to the environment.

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#### **6. Action on accidental Release into the Atmosphere**

- 6.1 Affecting persons none
- 6.2. Environmental precautions  
The product does not cause any risk to the environment.  
When disposing of waste the local waste-disposal and residues regulations must be complied with in accordance with the Reststoffbestimmungsverordnung.  
Waste Code numbers 31408 und 31416
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#### **7. Handling and Storage**

- 7.1. Handling Avoid the creation and deposition of dust
- 7.2. Storage Store in a dry place. Avoid damage to the packaging.
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#### **8. Exposure Control and personal protective Clothing and Equipment**

- 8.1. Additional instructions for use under normal conditions of application no special instructions

8.2. Constituents with limits affecting the workplace which require monitoring:

<u>Designation</u>	<u>Limit</u>	<u>Nature of limit</u>
Synthetic mineral fibres	500,000 fibres/m <sup>3</sup>	TRK
General dust limit	6 mg/m <sup>3</sup>	MAK

8.3 Personal Protective Clothing

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**Respiratory protection** Where the limits have been exceeded (see Point 8.2.) breathing apparatus with a particle filter corresponding to DIN 1381-P2 must be worn. It is recommended that these masks should be worn also at lower fibre concentrations.

**Hand protection** The use of protective gloves is recommended.

**Eye protection** A suitable pair of goggles must be worn when working overhead.

**Body protection** Wear loose-fitting, long-sleeved, working clothes (disposable protective suits are recommended), headress is recommended for overhead work.

**Protective and hygiene precautions** Clean the workplace regularly. Staff must be required to work cleanly and to observe high standards of personal hygiene.

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### **9. Physical and chemical Properties**

9.1. Appearance: Form : glass filament yarn, endless, fibre diameter > 6µm  
Colour : white  
Smell : odourless

9.2 Data of relevance for safety pH-value: not applicable  
Flash-point/flammability: non-flammable  
Melting point: 840°C  
Explosive limits: -  
Vapour pressure: -  
Density: 2.00 g/m<sup>3</sup>  
Solubility in water : insoluble

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### **10. Stability and Reactivity**

Thermal decomposition of the sizing material above 400°C.

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### **11. Toxicological Data**

The product contains no toxic or dangerous substances or preparations in the sense of the Hazardous Substances Directive or in the sense of § 3 of the Chemicals Act. It is not carcinogenic nor is it harmful to the health.

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### **12. Ecological Data**

The, mostly mineral, constituents of these products are inert and stable.

Hydrolytic Class III

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### **13. Instructions for Disposal**

These products contain no hazardous substances in the sense of the Dangerous Substances Directive and may be disposed of in an appropriate disposal site in keeping with official and local regulations. Residues and waste not subjected to thermal effects will be taken back by the manufacturer.

EEC-Code for waste glass: 101103

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### **14. Shipping Data**

These products do not present any shipping hazard.

Protect products from damp during shipment. Avoid the creation of dust.

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### **15. Regulations**

These products are not subject to labelling regulations as they contain no hazardous substances in the sense of the Hazardous Substances Directive or the corresponding EU directives.

European Regulations:

Directive 97/69/EC

German Regulations:

TRGS 521 - Fibre Dusts

TRGS 900 - Ambient Air Limits at the Workplace

TRGS 905 - Index of Substances which cause Cancer, genetic Changes and Hazards to Reproduction

Third Decree amending the Hazardous Substances Directive of 12.6.1998 (BG bl.1, S.1286).

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### **16. Miscellaneous Data**

The data contained in this safety data sheet are based on the present state of knowledge and experience. The safety data sheet describes products from the viewpoint of safety requirements. The data have no significance as assurances regarding their properties.

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