



# Safety Data Sheet

Inspired from the EC recommendation for MSDS EC 1907/2006

These products are articles according to Article 3.3 of the regulation (EC) No. 1907/2006 (REACH). They do not contain substances that are intended to be released under normal or reasonably foreseeable conditions of use. Therefore, neither the articles nor the substances therein need be registered. According to Article 31 of the Regulation (EC) No. 1907/2006 (REACH), safety data sheets do not have to be provided for articles. The information contained in this safety data sheet corresponds with our actual knowledge and experience. In order to ensure safe handling and use of our products, we provide our customers with our Safety Data Sheet for Articles.

**Product name: Sphere.tex – Sphere.tex SN**

## 1. Company Identification

### Producer / Supplier:

Spheretex GmbH  
Ellerstr. 101 Geb. A3  
40721 Hilden, Germany  
Phone: +49 (0) 2103/ 58 99 3 Fax: + 49 (0)2103/ 58 99 58  
email: [info@spheretex.de](mailto:info@spheretex.de) [www.spheretex.com](http://www.spheretex.com)

## 2. Hazards

### Most important Hazards/ Human Health Effects

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

## 3. Composition / Information on Ingredients

### Chemical Characterisation:

material

### Production:

Thermal volumized fabrics (fiberglass) by embedding and expanding thermoplastic micro-balloons

### Components:

Fibreglass fabrics combined with approx. 50 Vol% microballoons (Polivinyldilenchlorid and/or Acrylonitrile).  
Content of fibres: approx. 100-400 gr/m<sup>2</sup>  
Content of microballoons: 10 - 50 g/m<sup>2</sup>

## 4. First Aid

### Inhalation:

Move from scene of exposure

### Skin Contact:

Clean immediately with soap and lukewarm water

### Eye Contact:

Flush well with running water for 10 minutes

### Allergy:

Move from scene of exposure

## 5. Fire Fighting Measures / Recommended Extinguishing Media:

Use water or powder. Material is not flammable

## 6. Accidental Release Measures

### Personal Precautions:

not applicable

### Environment Precautions:

respect local regulations for transport of waste from insert products.

### Methods of cleaning up:

vacuum or sweep into containers designed for plastic waste

## 7. Handling and Storage

### Handling

Technical Measures/ Precautions/ Safe Handling Advice:  
People with sensitive skin should avoid long them exposure

### Storage

#### Technical Measures:

not applicable

#### Storage Conditions:

normal room temperature

#### Incompatible Products:

not applicable

#### Packing Materials:

the product should be stored in its original packing



## 8. Exposure Controls; Personal Protection

Engineering Measures: no special recommendations 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 paper mask

Hand Protection: people with sensitive skin should wear gloves

Eye Protection: wear protective glasses

Skin and Body Protection: wear long sleeves to avoid irritation

## 9. Physical and Chemical Properties

Physical State: solid  
Form: continuous sheets, rolls  
Colour: white  
pH: not applicable

*Specific temperature at which changes in physical state occur*

Decomposition Temperature:

Melting point: 120-130°C

Flashpoint: not applicable

Explosion Properties: not applicable

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/ when the combustion is kept going, small quantities of HCL may  
Hazardous Decomposition Products: result from the size decomposition

## 11. Toxicological information

Acute Toxicity: None

Local Effects: None

Sensitisation: None

## 12. Ecological information

Persistence/ Degradability: the product is not biodegradable

## 13. Disposal Considerations

Waste: respect local disposal regulations regarding non- hazardous products.

Packing: not applicable

## 14. Transport information

International Regulations:  
 Not considered as dangerous according to transportation regulations and are therefore subject to no special procedure.

## 15. Regulatory information

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

## 16. Other information

Precautions should be taken to provide sufficient ventilating.

This safety data sheet completes technical data sheets for use but does not replace them. The information given in this document corresponds to our relative knowledge of the product concerned, at the mentioned date. It is given in good faith. Furthermore, users attention is drawn to the possible risks run when the product is used for another purpose other for which it was designed. In no case does it except the user from knowing and applying the rules regulating his activities. He will take sole responsibility for precautions regarding the way he uses the product.

**End of the Safety Data Sheet**