



Hilden, July 2007

## Safety Data Sheet

In accordance with directive EC 1907/2006

**Product name:** **sphere core S**

### 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. Composition / Information on Ingredients

Chemical Characterisation: material  
Production: Thermal volumized tissues ( fiberglass, aramid, Carbon etc by embedding and expanding thermoplastic micro-balloons.  
Components: Glasstissues mechanically or chemically bounded combined with 50 Vol% microballoons (Polivenyldilenchlorid, or Acrynitrl).  
Content of fibres: approx. 30 - 200 gr/m<sup>2</sup>  
Content of microballoons: 10 - 70 g/m<sup>2</sup>

### 3. Hazards

#### Most important Hazards/ Human Health Effects

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

### 4. First Aid

Inhalation: Move from scene of exposure  
Skin Contact: Clean immediately with soap and lukewarm water  
Eve 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. Glass filaments are not flammable, just the packaging.

### 6. Accidental Release Measures

Personal Precautions: not applicable  
Environment Precautions: respect local regulations for transport of waste from inert products.  
Methods of cleaning up: vacuum or sweep into containers designed for glass filaments waste

## 7. Handling and Storage

### 7.1 Handling

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

### 7.2 Storage

Technical Measures: not applicable  
Storage Conditions: not applicable  
Incompatible Products: not applicable  
Packing Materials: the product should be stored in it's 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  
and Protection: people with sensitive skin should wear gloves  
Eve Protection: wear protective glasses  
Skin and Body Protection: wear long sleeves to avoid irritation

## 9. Physical and Chemical Properties

Physical State: solid  
From: continuous sheets  
Colour: white  
pH: not applicable

Specific temperature at which changes in physical state occur

Decomposition Temperature:

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:  
Hazardous Decomposition Products: when the combustion is kept going, small quantities of HCL may 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 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 Data Sheet**