



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.core SP 1,0mm- 5,0mm

1. Company Identification

Producer / Supplier:

Spheretex GmbH
Ellerstr. 101 Geb. A3
40721 Hilden, Germany
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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 tissues (Polyester) by embedding and expanding thermoplastic micro-balloons

Components:

Polyestertissues chemically bounded combined with 40-60 Vol% microballoons (Polivenyldilenchlorid and or Acrylonitrile).
Content of fibres: approx. 30 - 100 gr/m²
Content of microballoons: 10 - 70 g/m²

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 and the packaging are flammable

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 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: 165-170°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 and CO₂ 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

Polyester 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