



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 SBC IP

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 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 tissues (fiberglass) by embedding and expanding thermoplastic micro-balloons plus polypropylene.

Components: Glasstissues mechanically or chemically bounded combined with 40-60 Vol% microballoons (Polivenyldilenchlorid and or Acrylonitrile).
Content of fibres: approx. 300 - 500 gr/m²
Content of microballoons: 50 - 200 g/m²

4. First Aid

General: treat injuries from melting contact, like burns
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. Glass filaments are not 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 glass filaments and microspheres 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 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

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

Ignition temperature: approx. 330°C (according to ASTM D 1929)

Explosion Properties: not applicable

Solubility: Very slight solubility in water. Size is soluble in contact with organic solvents.

10. Stability and Reactivity

General: Thermal composition of binder at temperature of more than 130°C possible; thermal decomposition of fibers at temperature of more than 220°C

Stability: stable in storage conditions

Possible Hazardous Reactions/ when the combustion is kept going, small quantities of HCL may result from the size decomposition

Hazardous Decomposition Products: The combustion gases contain, based on the temperature and air supply, carbon-monoxide, carbon-dioxide and low molecule organic compounds

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. Water Danger Class 1 based on the binder

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