



Hilden, May 2007

Safety Data Sheet

In accordance with directive EC 1907/2006

Product name: **flow mat**

1. Company Identification

Producer / Supplier: Spheretex GmbH
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40721 Hilden, Germany
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2. Composition / Information on Ingredients

Chemical Characterisation: material
Production: Stitchbonded complex consisting of choppable glass roving plus polypropylen veil
Components: Glass strands combined with polypropylen

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

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. There is no potential fire hazard from the material.
During fire fighting in smoke filled rooms, use self-contained breathing apparatus

6. Accidental Release Measures

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

<u>Technical Measures:</u>	not applicable
<u>Storage Conditions:</u>	to be stored in a dry place, temperature of over 70°C should be avoided
<u>Incompatible Products:</u>	not applicable
<u>Packing Materials:</u>	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

<u>Physical State:</u>	solid
<u>Form:</u>	continuous sheets
<u>Colour:</u>	white
<u>pH:</u>	not applicable

Specific temperature at which changes in physical state occur

<u>Decomposition Temperature:</u>	not applicable
<u>Melting point:</u>	PP-core: 165-170°C
<u>Flashpoint:</u>	not applicable
<u>Ignition temperature:</u>	PP-core: approx. 330°C (according to ASTM D 1929)
<u>Explosion Properties:</u>	not applicable
<u>Solubility:</u>	Very slight solubility in water. Size is soluble in contact with organic solvents.

10. Stability and Reactivity

<u>General:</u>	Thermal decomposition of fibers at a temperature of 130 °C possible, complete decomposition at temperature of more than 300°C
<u>Stability:</u>	stable in storage conditions
<u>Possible Hazardous Reactions:</u>	not applicable
<u>Hazardous Decomposition Products:</u>	The combustion gases contain, based on the temperature and air supply, carbon-monoxide, carbon-dioxide and low molecule organic compounds

11. Toxicological information

<u>Acute Toxicity:</u>	not applicable
<u>Local Effects:</u>	stitch-bonded complexes are stable products causing no chemical hazardous reaction.
<u>Sensitisation:</u>	rare possibilities of allergy

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: Water Danger Class 1 based on the binder

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