

PRODUCT INFORMATION for safe handling



Core layer fleece – core material HP-CORE

Version 1

1. Product and Company Information

Product information

Trade name:	Core layer fleece – core material (HP-CORE) Semi-finished products for industrial processing
Company:	HP-Textiles GmbH Otto-Hahn-Straße 22 48480 Schapen -Germany-
Email:	produktsicherheit@hp-textiles.com
Telephone:	+49 5905 9459 870
Fax:	+49 5905 9459 874

2. Possible dangers

This product is not subject to classification within the meaning of Regulation (EC) No 1272/2008.

Hazard overview:

Possibly short-term skin and/or respiratory irritation due to splitting particles from glass fibers or hollow microspheres.

3. Composition / information on the ingredients

<u>Chemical characterization:</u>	Solid, polyester fleece
<u>Production:</u>	Thermal volumization of chemically or mechanically bonded polyester nonwovens by embedding hollow microspheres.
<u>Components:</u>	Polyester fleece consisting of chemically or mechanically bonded short or long fibres, thermally volumised by embedding 40-50% micro-hollow spheres by volume (polyvinylidene chloride and/or acrylonitrile). Fibre content approx. 30 - 100 g/m ² . Microhollow sphere content approx. 10 - 70 g/m ² .

4. First aid measures

<u>Breathing difficulties:</u>	Leaving the site
<u>Irritation:</u>	Rinse skin with lukewarm water; Do not rub
<u>Eye irritation:</u>	Rinse eyes with clean water for several minutes
<u>otherwise. Allergies:</u>	Leaving the site

PRODUCT INFORMATION for safe handling



5. Firefighting measures

Polyester fibres are flammable, hollow microspheres are self-extinguishing when the heat source is removed.

Suitable extinguishing agents:

Water, Foam, Powder

6. Accidental Release Measures

Personal protective measures:

Omitted

Methods and material for retention and purification

There are no special regulations to be observed

7. Handling and storage

Instructions for safe handling:

For people with sensitive skin irritation, it is recommended to avoid contact with the skin. Do not rub.

Safe storage conditions:

The material should be stored in its original packaging in a dry place away from direct sunlight. Storage temperatures between 10 - 35 °C and a relative humidity of between 40 - 70 % are recommended

8. Exposure limitation and personal protective equipment

Additional information on the design of technical systems:

No special recommendations under normal conditions of use. In the event of heavy loads, extraction systems can be installed.

Components with workplace-related limit values to be monitored are omitted

Personal protective equipment

Clothing:

no special measures must be observed, but chafing must be avoided

Respiratory protection/mouth protection:

no special measures to be observed, possibly wear a paper mask

Skin and body protection:

When handled and stored as intended, no special protective measures required, Recommended: Long-sleeved work clothes / gloves.

otherwise. Measures:

no special measures necessary, we may recommend Skin ointment

9. Physical and Chemical Properties

Appearance:

firm

Form:

Mat-type flat web material, rollers

Color:

white

Smell:

odorless

PRODUCT INFORMATION for safe handling



Security-relevant data

<u>pH value:</u>	not applicable
<u>State:</u>	120 - 130 °C volume shrinkage due to softening of the microspheres
<u>Flash point:</u>	> 300 °C
<u>Flammability:</u>	./.
<u>Ignition temperature:</u>	./.
<u>Self-ignition:</u>	./.
<u>Explosion limit:</u>	upper bound: not applicable lower bound: not applicable
<u>Vapor pressure:</u>	not applicable

Further information

<u>Solubility:</u>	insoluble in water
--------------------	--------------------

10. Stability and reactivity

<u>Reactivity:</u>	No decomposition when stored and used as directed.
<u>Chemical stability:</u>	No decomposition when stored and used as directed.
<u>Possibility of dangerous reaction:</u>	small amounts of HCL and CO ² can be released during decomposition.

11. Toxicology information

not applicable

12. Environmental claims

The product does not cause any ecological risks, but does not biodegrade. It is classified as "non-toxic": Water hazard class: WGK = 0

13. Disposal Instructions

Disposal of product residues: In accordance with local and national legal requirements

14. Transport details

International Transportation Regulations

These products are not classified as dangerous goods within the meaning of international transport regulations. It is recommended to transport and store the product dry and in its original packaging.

15. Regulations

As these products are products within the meaning of most international chemicals legislation, it is not necessary to list the products and their ingredients in the national substance inventories.

**PRODUCT INFORMATION
for safe handling**



16. Other information

This information is based on our current knowledge and the information provided by our suppliers and describes the product only with regard to safety requirements. We assume that they are correct to the best of our knowledge and belief. They do not constitute a guarantee of characteristics and do not claim to be complete. They do not take into account all the circumstances in which the product may be used, nor all the physical and psychological characteristics of the persons responsible for transporting or processing the product.

According to Regulation (EC) No. 1907/2006 [REACH] Article 3(3), this product is classified as an article, therefore there is no obligation to register the ingredients or prepare a safety data sheet, as required by Article 31 of the REACH Regulation. This document was prepared voluntarily in accordance with Annex II of the Regulation under the aspect of "Responsible Care".

Company: HP-Textiles GmbH, D-48480 Schapen -Germany-	Date: 2025-02-04 (Version 1)	Department: Application Technology / QA LS / HJ
--	---	--