

**Material Safety Data Sheet**  
**Product: Walkisoft® 5112 (TAM Z 50)**

**Introduction**

This document provides a Material Safety Data Sheet (MSDS) for nonwovens on a voluntary basis according to EDANA recommendations (Guidelines/instructions relating to MSDS for nonwoven 10/GV8/422). The MSDS is a means of transferring essential hazard information (including information on transport, handling, storage and emergency actions) from the supplier of a nonwoven product to the recipient of the product. As nonwovens are generally not hazardous, MSDS for nonwovens is not legally requested but must be considered as information. It is inspired from the EC recommendation for MSDS (Commission Directive 93/112/EC of 10 Dec. 93, amending Commission Directive 91/155/EEC).

The information contained in this Material Safety Data Sheet has been developed by the Company on the express request of its customers and to the best of its knowledge. Therefore, the Company does not assume any liability with respect to the correctness and/or completeness of the information provided by this Material Safety Data Sheet. The customer in particular shall not be released from his duty to check all safety relevant properties of the delivered nonwoven and to refer to the official texts for full information on the local obligations.

**1. Identification of the product and of the company**

**1.1. Identification of the substance**

**Trade name and description:**

Walkisoft® 5112 (TAM Z 50), latexbonded airlaid nonwoven

**Intended application:**

Food packaging and Hygiene products

**1.2. Company identification**

**- Company/Plant where information on the product safety is available:**

Name: Glatfelter Falkenhagen GmbH

Address: Gewerbepark Prignitz  
 Falkenhagen  
 Rolf-Hövelmann-Str. 10  
 D-16928 Pritzwalk  
 Germany

Telephone: +49 33986 69 0  
 Facsimile: +49 33986 69 111

**- Department/Person where information on the product safety is available:**

E-Mail: [gerd.biessmann@glatfelter.com](mailto:gerd.biessmann@glatfelter.com)

**2. Composition/Information on Ingredients**

**- Identification of the type of nonwoven product:**

**2.1. Nonwoven**

Airlaid

**2.2. Nature of the fibres**

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Cellulose

**2.3. Web surface treatment**

none

**2.4. Binder**

Ethylene vinyl acetate copolymer

**2.5. Additives**

none

**2.6. Other components**

none

**2.7. Chemicals (in relevant concentrations) that are in the list of dangerous substances**

none

**3. Hazard identification**

This is not a hazardous product under normal conditions.  
Accidental thermal decomposition or melting state can present hazards: see section 10

**4. First-aid measures**

- |                          |                                  |
|--------------------------|----------------------------------|
| <b>4.1. Inhalation</b>   | no specific measures to be taken |
| <b>4.2. Skin contact</b> | no specific measures to be taken |
| <b>4.3. Eye contact</b>  | no specific measures to be taken |
| <b>4.4. Ingestion</b>    | no specific measures to be taken |

**5. Fire-fighting measures**

**5.1. Suitable extinguishing media**

water, foam, powder, CO<sub>2</sub>

**5.2. Extinguishing media not to be used**

none

**5.3. Special exposure hazards**

For flammable and toxic fumes as well as skin contact with molten materials see section 10.

**5.4. Special protective clothing for fire-fighter**

Normal protective equipment (respiratory apparatus, protective suit etc.).

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<b>6. Accidental release measures</b>  not applicable																																			
<b>7. Handling and Storage</b> <b>7.1. Handling</b>  No special safety measures required.  <b>7.2. Storage</b>  Avoid moisture, keep in dry place away from open flame, store away from direct sunlight, keep in odour free environment.																																			
<b>8. Exposure controls/personal protection</b>  No specific measures.																																			
<b>9. Physical and chemical properties</b>  <table border="0"> <tr> <td>Appearance:</td> <td>solid, soft, paper-like product</td> </tr> <tr> <td>Colour:</td> <td>white</td> </tr> <tr> <td>Odour:</td> <td>odourless</td> </tr> <tr> <td>pH value:</td> <td>not applicable</td> </tr> <tr> <td>boiling point/boiling range:</td> <td>not applicable</td> </tr> <tr> <td>melting point/melting range:</td> <td>not applicable</td> </tr> <tr> <td>decomposition temperature:</td> <td>&gt; 250 °C (cellulose)</td> </tr> <tr> <td>Flash point:</td> <td>not available</td> </tr> <tr> <td>Flammability:</td> <td>not available</td> </tr> <tr> <td>Autoflammability:</td> <td>not available</td> </tr> <tr> <td>Explosive properties:</td> <td>not applicable</td> </tr> <tr> <td>Oxidising properties:</td> <td>not applicable</td> </tr> <tr> <td>Vapour pressure:</td> <td>not available</td> </tr> <tr> <td>Relative density:</td> <td>approx. 110 kg/m<sup>3</sup></td> </tr> <tr> <td>Solubility: - water solubility:</td> <td>&lt; 1 %</td> </tr> <tr> <td>- fat solubility:</td> <td>negligible</td> </tr> <tr> <td>Partition coefficient n-octanol/water:</td> <td>not available</td> </tr> </table>		Appearance:	solid, soft, paper-like product	Colour:	white	Odour:	odourless	pH value:	not applicable	boiling point/boiling range:	not applicable	melting point/melting range:	not applicable	decomposition temperature:	> 250 °C (cellulose)	Flash point:	not available	Flammability:	not available	Autoflammability:	not available	Explosive properties:	not applicable	Oxidising properties:	not applicable	Vapour pressure:	not available	Relative density:	approx. 110 kg/m <sup>3</sup>	Solubility: - water solubility:	< 1 %	- fat solubility:	negligible	Partition coefficient n-octanol/water:	not available
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<b>10. Stability and reactivity</b>  Stable under normal conditions.  <b>Conditions to be avoided</b>  Under thermal decomposition flammable and toxic fumes can be generated.  Above 300 °C may be released: toxic and flammable gases, carbon monoxide. The generation of cleavage and oxidation products is subject to fire conditions. Non burned residues and contaminated water after fire fighting should be disposed of in compliance with official regulations.  Molten material should not be allowed to be in contact with the skin to which it can cause burns.																																			

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<p><b>11. Toxicological Information</b></p> <p>The airlaid does not cause any skin irritations. Product is approved to be incorporated in feminine or other hygiene products and cosmetic articles.</p> <p>Product is approved to come in direct contact with food according to FDA regulations, EU regulations and BfR recommendations.</p> <p><b>Note:</b> Under decomposition conditions: toxic fumes and contaminated water, see section 10</p>									
<p><b>12. Ecological information</b></p> <p>Product is partly biodegradable.</p> <p>For transportation, storage, normal use, no toxicological effects known. This product is practically water insoluble.</p>									
<p><b>13. Disposal consideration</b></p> <p>As non-hazardous solid waste, the product can be disposed, according to local legislation, through:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">Recycling:</td> <td style="text-align: right;">no</td> </tr> <tr> <td>Composting:</td> <td style="text-align: right;">no</td> </tr> <tr> <td>Incineration:</td> <td style="text-align: right;">yes</td> </tr> <tr> <td>Landfill:</td> <td style="text-align: right;">yes</td> </tr> </table>		Recycling:	no	Composting:	no	Incineration:	yes	Landfill:	yes
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<p><b>14. Transport information</b></p> <p>Not classified as dangerous, no specific instructions.</p> <p>To keep the product quality, avoid moisture, direct sunlight, destruction of packaging and polluted transportation vehicles.</p>									
<p><b>15. Regulatory information</b></p> <p>none</p>									
<p><b>16. Other information</b></p> <p>The information state above is based on the actual knowledge; its purpose is to describe the product under the point of view of safety and does not constitute any warranty of characteristics. It is responsibility of the recipient of the product to comply with existing laws and regulations.</p>									