



Schwarzwälder Textil-Werke  
Heinrich Kautzmann GmbH  
77773 Schenkenzell  
Germany

Information Data Sheet  
for articles  
Polypropylene Fibre Filler

F PP 261; 262; 263

Date of issue  
09.03.2011  
Version A 03/ 11

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## **0. General Information**

In terms of item 3.3 of the Reach Regulation (EG) No. 1907/2006 this product is an article. It contains no substances, which are intentionally released under normal or reasonably foreseeable conditions of use. Therefore, there exists no registration requirement for substances in articles in the sense of item 7.1 of the regulation. A safety data sheet for these products must not be provided as according to item 31 such a safety data sheet is only required for dangerous substances and preparations and not for articles.

STW has committed itself to provide its customers with appropriate information regarding safe handling and application. A special format is not stipulated.

## **1. Designation of Product and Company**

### **1.1 Fibre Product**

|                            |   |
|----------------------------|---|
| 1.1.1 Presentation         | Fibre Filler                              |
| 1.1.2 Fibre class          | Polypropylen                              |
| 1.1.3 Chemical designation | Homopolymer polypropylene                 |
| 1.1.4 Commercial name      | F PP 261; 262; 263/ ...                   |
| 1.1.5 Application          | Technical employment, fibre reinforcement |

### **1.2 Designation of company**

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## **2. Hazardous identification**

### **2.1 Overview of hazards**

#### **Inhalation:**

The inhalation of fibre dust may cause irritations of the upper respiratory tract. At higher processing temperatures fumes can evaporate and may cause irritation of eyes, throat and nose.

#### **Eyes:**

Fibres or fibre dust may cause irritation. At higher processing temperatures fumes can evaporate which may irritate eyes.

#### **Skin:**

Fibre dust may cause slight skin irritation.

#### **Swallowing:**

There are no special health hazards by swallowing the product.

## **3. Composition / information on ingredients**

|         |                           |                       |
|---------|---------------------------|-----------------------|
| Polymer | homopolymer polypropylene | CAS – No.: 9003-17- 3 |
|---------|---------------------------|-----------------------|

The fibre product is not toxic. However, it may contain up to 1,0% of a spin finish.

Spin finish is applied to most fibres and yarns as a processing aid. The spin finish can generally be removed in an aqueous medium if necessary. When subjected at temperatures between approximately 130°C and 190°C the spin finish can evaporate or decompose.



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#### **4. First aid measures**

##### **4.1 Inhalation**

If exposed to dust or fumes from arising by overheating or combustion, move to fresh air. Consult a physician if symptoms persist.

##### **4.2 Eyes**

In case of eye irritations, immediately flush with water for at least 5 minutes. If symptoms persist, consult a physician.

##### **4.3 Skin**

In order to avoid skin irritations appropriate work clothes should be worn. In case of irritations, wash with plenty of water and soap. If irritations persist consult medical care. In case of contact of molten fibres with skin cool rapidly with cold water and get medical treatment for thermal burn.

##### **4.4 Swallowing**

No special measures required.

#### **5. Fire-fighting measures**

##### **5.1 Combustion properties**

Flash point: 350° C, product will burn in fire.  
Auto-ignition temperature: 390° C  
Decomposition temperature: from 330°C on

The material does not ignite easily, however; when burned without sufficient oxygen, dense smoke arises which content low molecular hydrocarbons and aldehydes. In the case of total combustion only CO<sub>2</sub> and H<sub>2</sub>O arise.

##### **5.2 Extinguishing agents**

Suitable: all usual extinguishing agents  
Unsuitable: water, if the fire was caused by electrical short circuit.



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### **5.3 Additional advice**

In the case of fire-fighting in closed rooms, respiratory equipment must be used which is independent of the ambient air.

### **6. Accidental release measures**

Vacuum or sweep material and place in a disposal container.

### **7. Handling and storage**

Avoid fibre fly, fibre dust and decomposition products by aspiration and ventilation.  
Store away from inflammable materials and food.

### **8. Exposure control / personal protection**

**8.1 Avoid fibre fly, fibre dust and decomposition products by aspiration and ventilation.**

#### **8.2 Personal protective equipment**

##### **8.2.1 Eye protection:**

Use safety glasses with side shields.

##### **8.2.2 Respiratory protection:**

For most conditions no respiratory protection should be needed, however in case of high dust concentrations, wear approved respiratory protection.

##### **8.2.3 Skin protection:**

Wear work clothing to avoid skin contact.



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## **9. Physical and chemical properties**

### **9.1 Appearance:**

|               |               |
|---------------|---------------|
| 9.1.1 Form:   | Fibre Filler  |
| 9.1.2 Colour: | white or dyed |
| 9.1.3 Odour:  | odourless     |

### **9.2 Data relevant for safety:**

|                                 |                             |
|---------------------------------|-----------------------------|
| 9.2.1 Boiling point:            | not applicable              |
| 9.2.2 Melting point:            | 160°C                       |
| 9.2.3 Flash point:              | 350° C                      |
| 9.2.4 Auto-ignition temperature | 390°C                       |
| 9.2.5 Decomposition temperature | from 330°C                  |
| 9.2.6 Density:                  | 0,90-0,92 g/cm <sup>3</sup> |
| 9.2.7 Water solubility:         | not soluble (less than 1%)  |
| 9.2.8 Solvent content           | <0,1%                       |

## **10. Stability and reactivity**

### **10.1 Stability:**

Stable under normal conditions.

### **10.2 Materials to avoid:**

Oxidising agents, through UV-irradiation the polymer may decompose

### **10.3 Decomposition products:**

In case of fire CO, CO<sub>2</sub> (see also 5.1)

### **10.4 Polymerization:**

Will not occur



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### **11. Toxicological information**

The fibre product is not toxic. In cases where the product shall be used for special applications such as in the foodstuffs, the hygienic, medical or surgical sectors please approach the manufacturer first. When the fibre product is used as intended, no detrimental effects on health are known to date.

### **12. Ecological information**

This product is ecologically harmless. If subsequent processing involves water, resultant waste water must be directed into a purification plant to comply with local regulations.

According to VwVwS dated 17.05.99 polypropylene fibre are classified as non-water hazardous.

### **13. Disposal consideration**

The fibre product can be disposed as non-hazardous waste in a licensed disposal plant in accordance with local authorities' regulations. The material can also be burned in a licensed incineration plant.

EWC – Code 040203

### **14. Transport information**

Not a hazardous substance in terms of transport regulation.

### **15. Regulatory information**

According to the data available, the product is not a hazardous substance under the terms of national and international regulations and stipulations.



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**16. Other information**

In the sense of REACH the specified fibre fillers are articles. However, they are not articles which are subject to the regulations of registration to item 7(1) or rather item 7(2).

The details, given in that safety information sheet for articles refer exclusively to the fibre product described herein and not to its use in combination with any other substance or in another preparation or product or any other process.

The safety information sheet for articles shall serve human and environment by providing appropriate information to industrial users. The information and recommendation contained herein are based upon data believed to be correct. A binding assurance for specific product properties cannot be derived out of this.

Editor                      STW  
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