

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

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#### 1.1. Product identifier

Product form : Article  
Product name : Schrenzlage

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Intended for general public  
Main use category : Professional use, Consumer use  
Industrial/Professional use spec : The article is used as barrier material.  
Use of the substance/mixture : Papers

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

##### Supplier

Knauf Gips KG  
Am Bahnhof 7  
97346 Iphofen - Germany  
T 09323/31-0 - F 09323/31-277  
[zentrale@knauf.de](mailto:zentrale@knauf.de) - [www.knauf.de](http://www.knauf.de)  
E-mail address of competent person responsible for the SDS : [sds-  
info@knauf.de](mailto:sds-info@knauf.de)

##### Technical information

Technical information service  
T +49 (0)9001/31-1000 (see section 16)  
[knauf-direkt@knauf.de](mailto:knauf-direkt@knauf.de)

#### 1.4. Emergency telephone number

No additional information available

### SECTION 2: Hazards identification

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#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP] Extra labelling to display Extra classification(s) to display

No labelling applicable

#### 2.3. Other hazards

Other hazards which do not result in classification : This article has been evaluated according to the criteria determined in the regulations and does not need any caution labelling when used appropriately. When applied in accordance with regulations there are no risks known for the user. The classification is based on the current legal regulations for dangerous goods as well as on information of the preliminary supplier. In case of fire toxic gases may be generated. The decomposition of polymeres (plastic material content) begins at temperatures of more than 300° C and smoke flames may occur. Vapours of the heated material may cause irritation of the respiratory tract, cough or lacrimation. Respirable dust may irritate the outer eye and the skin after longer exposure. Contact with the heated material may cause flash burn. Contact with the edges of fast moving rolls may cause cut wounds. Lying or standing rolls have to be secured against unintentional movement. Consider the weight of the rolls when using lifting devices or transport means.

### SECTION 3: Composition/information on ingredients

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#### 3.1. Substances

Not applicable

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### 3.2. Mixtures

Comments : Composite material made from: Polyethylene and Paper (10-500 g/m2)

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
polyethylenes	(CAS-No.) 9002-88-4	5-35	Not classified

## **SECTION 4: First aid measures**

### 4.1. Description of first aid measures

- First-aid measures general : In all cases of doubt, or when symptoms persist, seek medical attention.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If symptoms persist, call a physician.
- First-aid measures after skin contact : In case of skin burns caused by contact with hot material cool skin immediately with plenty of cold water. Do not remove adherent polymer from skin or clothes but flush immediately with cold water. Skin burns need to be treated by a physician immediately. Secure sufficient treatment of cut wounds. In case of skin irritation caused by particles thoroughly wash the affected skin with a mild cleansing agent and water. In case the symptoms remain, please consult a physician.
- First-aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an ophthalmologist if irritation persists.
- First-aid measures after ingestion : Rinse mouth out with water. When in doubt or if symptoms are observed, get medical advice.

### 4.2. Most important symptoms and effects, both acute and delayed

No additional information available

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

- Suitable extinguishing media : Water spray. Foam. extinguishing powder. Carbon dioxide (CO<sub>2</sub>). Adapt extinguishing media to the environment for surrounding fires.
- Unsuitable extinguishing media : Do not use water jet.

### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : In case of fire, corrosive and harmful gases come free.
- Hazardous decomposition products in case of fire : Carbon monoxide. Carbon dioxide. Aldehydes. ketones. Organic acid. Hydrocarbon.

### 5.3. Advice for firefighters

- Protection during firefighting : Complete protective clothing. Self-contained breathing apparatus.

## **SECTION 6: Accidental release measures**

### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Warning! Product may cause floors to be slippery. Avoid dust formation.

#### **6.1.1. For non-emergency personnel**

No additional information available

#### **6.1.2. For emergency responders**

No additional information available

### 6.2. Environmental precautions

Avoid release to the environment.

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### **6.3. Methods and material for containment and cleaning up**

Methods for cleaning up : Mechanically recover the product. Shovel into suitable and closed container for disposal.

### **6.4. Reference to other sections**

No additional information available

## **SECTION 7: Handling and storage**

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### **7.1. Precautions for safe handling**

Additional hazards when processed : Avoid heating over 300° C during heat sealing. Use local exhaust ventilation over the working area. Do not breathe smoke or vapours liberated by the melted material. Use appropriate lifting devices or industrial trucks when handling the rolls or pallets.

### **7.2. Conditions for safe storage, including any incompatibilities**

Storage conditions : Main hazards are slipping rolls or pallets and fork-lift movements which can injure personnel. Store at room temperature and in dry, well-ventilated area. Avoid condensation of air moisture. Do not store near to highly inflammable material. Keep away from sources of ignition. Keep away from direct sunlight.

### **7.3. Specific end use(s)**

No additional information available

## **SECTION 8: Exposure controls/personal protection**

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### **8.1. Control parameters**

No additional information available

### **8.2. Exposure controls**

#### **Hand protection:**

Direct contact with composite material does generally not cause skin irritation. In case contact with heated surfaces during use of composite material cannot be avoided in the process, wear heat-resistant gloves.

#### **Eye protection:**

Safety glasses with side shields

#### **Skin and body protection:**

Wear suitable protective clothing

#### **Respiratory protection:**

To avoid the risk of over-exposure to vapours and smoke during handling the product, e.g. hot-sealing, use a local exhaust device and assure sufficient ventilation.

#### **Consumer exposure controls:**

Provide sufficient air exchange and/or exhaust. Wash hands before breaks and after work. Do not eat, drink or smoke when using this product.

## **SECTION 9: Physical and chemical properties**

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### **9.1. Information on basic physical and chemical properties**

Physical state	: Solid
Colour	: brown. white.
Odour	: Neutral.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: 80 – 140 °C
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available

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Auto-ignition temperature	: No data available
Decomposition temperature	: > 300 °C
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: Not determinable as composite material. Polyethylene: about 920-960 kg/m <sup>3</sup> ; Paper: about 600-1300 kg/m <sup>3</sup>
Solubility	: Water: Insoluble
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Product is not explosive.
Oxidising properties	: No data available
Explosive limits	: No data available

### **9.2. Other information**

No additional information available

## **SECTION 10: Stability and reactivity**

### **10.1. Reactivity**

The product is non-reactive under normal conditions of use, storage and transport.

### **10.2. Chemical stability**

No additional information available

### **10.3. Possibility of hazardous reactions**

No additional information available

### **10.4. Conditions to avoid**

Avoid heating on air > 300° C during heat-sealing, danger of liberation of decomposition products.

### **10.5. Incompatible materials**

Strong oxidizers.

### **10.6. Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## **SECTION 11: Toxicological information**

### **11.1. Information on toxicological effects**

Acute toxicity : Not classified

<b>polyethylenes (9002-88-4)</b>	
LD50 oral rat	> 2000 mg/kg (Rat, Oral)
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

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### SECTION 12: Ecological information

#### 12.1. Toxicity

No additional information available

#### 12.2. Persistence and degradability

polyethylenes (9002-88-4)	
Persistence and degradability	Non degradable in the soil. Not readily biodegradable in water.

#### 12.3. Bioaccumulative potential

polyethylenes (9002-88-4)	
Bioaccumulative potential	No bioaccumulation data available.

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

No additional information available

#### 12.6. Other adverse effects

Additional information : The product, as solid composite material, does not have ecotoxicological effects on the environment. The polyethylene part is a water-insoluble, indifferent, nondispersible, solid plastic material. No water-endangering known for other components.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Can be disposed as a solid waste or burned in a suitable installation according to local legislation.  
 European List of Waste (LoW) code : 15 01 05 - composite packaging

### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

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### **14.6. Special precautions for user**

**- Overland transport**

Not applicable

**- Transport by sea**

Not applicable

**- Air transport**

Not applicable

**- Inland waterway transport**

Not applicable

**- Rail transport**

Not applicable

### **14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable

## **SECTION 15: Regulatory information**

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### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

#### **15.1.1. EU-Regulations**

Contains no substance on the REACH candidate list

#### **15.1.2. National regulations**

No additional information available

### **15.2. Chemical safety assessment**

No additional information available

## **SECTION 16: Other information**

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This safety data sheet replaces the previous version of 2015/02/11. The following changes were made:

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Knauf SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*