

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

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#### 1.1. Product identifier

Product form : Mixture  
Product name : Perfix

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

##### 1.2.1. Relevant identified uses

Main use category : Consumer use, Professional use  
Use of the substance/mixture : Adhesive gypsum

##### 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 - Deutschland  
T +49 932331-0 - F +49 932331-277  
[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

No additional information available

### SECTION 3: Composition/information on ingredients

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#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH annex II

### SECTION 4: First aid measures

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#### 4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

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- First-aid measures after skin contact : Wash skin with plenty of water.  
First-aid measures after eye contact : Rinse eyes with water as a precaution. Get medical advice/attention.  
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell. Rinse mouth out with water.

#### **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**

Treat symptomatically.

### **SECTION 5: Firefighting measures**

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#### **5.1. Extinguishing media**

- Suitable extinguishing media : The product is not flammable. If there is a fire close by, use suitable extinguishing agents. Water spray. Dry powder. Foam. Carbon dioxide.  
Unsuitable extinguishing media : Strong water jet.

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

- Fire hazard : Non combustible.  
Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### **5.3. Advice for firefighters**

- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

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

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

- General measures : Avoid dust formation. Avoid contact with skin and eyes.

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

- Emergency procedures : Ventilate spillage area.

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

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### **6.2. Environmental precautions**

Avoid release to the environment. Prevent entry to sewers and public waters.

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

- Methods for cleaning up : Mechanically recover the product. Avoid dust formation.  
Other information : Dispose of materials or solid residues at an authorized site.

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

7.1. Precautions for safe handling. 8. Exposure controls/personal protection. For further information refer to section 13.

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

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

- Precautions for safe handling : Ensure good ventilation of the work station. Avoid dust formation. Wear personal protective equipment.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

- Storage conditions : Store in a well-ventilated place. Keep cool. Store under dry conditions.

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

No additional information available

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Exposure controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station.

##### Personal protective equipment:

Wear suitable protective clothing.

##### Hand protection:

Protective gloves

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
	Butyl rubber, Nitrile rubber (NBR)	6 (> 480 minutes)			

##### Eye protection:

In case of dust production: protective goggles

##### Skin and body protection:

Wear suitable protective clothing

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. If dust are formed :

Device	Filter type	Condition	Standard
Dust mask	Type P2	Short term exposure, Dust protection	



##### Environmental exposure controls:

Avoid release to the environment.

### SECTION 9: Physical and chemical properties

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

Physical state	: Solid
Appearance	: Powders.
Colour	: White. white / Beige. white / Grey.
Odour	: odourless.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: Not self-igniting
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available

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Relative density	: No data available
Density	: $\approx 2.7 \text{ g/cm}^3$
Solubility	: Water: $\approx 3 \text{ g/l}$ (20 °C)
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**

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### **10.1. Reactivity**

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

### **10.2. Chemical stability**

Stable under normal conditions.

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

No dangerous reactions known under normal conditions of use.

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

None under recommended storage and handling conditions (see section 7).

### **10.5. Incompatible materials**

No additional information available

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

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

## **SECTION 11: Toxicological information**

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

Acute toxicity	: Not classified
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

## **SECTION 12: Ecological information**

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### **12.1. Toxicity**

No additional information available

### **12.2. Persistence and degradability**

No additional information available

### **12.3. Bioaccumulative potential**

No additional information available

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### 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

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.  
 Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
 Product/Packaging disposal recommendations : Do not dispose of the packaging without first carrying out the necessary cleaning. Disposal must be done according to official regulations.

## SECTION 14: Transport information

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

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				

### 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

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

#### 15.1.1. EU-Regulations

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Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

### **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 2/26/2014. The following changes were made:

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Other information

: Technical information service (see point 1):

A call to Knauf Direkt will be charged at 0.39 € per minute. Callers, the telephone numbers of whom are not saved in the Knauf Gips KG address database, e.g. private property owners or noncustomers, will pay 1.69 € per minute from the German network. Callers using mobile telephones will be charged according to the network provider and tariff.

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.*