

## Rigips Rigiplan-Kleber

### 1 Identification of the mixture and the company

#### 1.1 Product identifier

**Rigips Rigiplan-Kleber**

#### 1.2 Relevant identified uses of the mixture and uses advised against

Gypsum-based adhesive recommended for Rigiplan-floor pavements.

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

Saint-Gobain Rigips Austria GesmbH  
Wiener Neustädterstraße 63  
A-2734 Puchberg, Austria

Telephone no. +43 (0)2636 2203-616

Fax no. +43 (0)2636 2203-625

#### Responsible person

Sandra Wirkner, PhD  
e-mail: sandra.wirkner@saint-gobain.com

#### 1.4 Emergency telephone number

For medical advice: +43 (0)1 406 43 43 (Vergiftungsinformationszentrale Vienna)

### 2 Hazards identification

#### 2.1 Classification of the substance on ingredients

##### Acc. to Directive 1999/45/EC

Not classified as dangerous.

##### Acc. to CLP-Regulation (EC) No. 1272/2008

Not classified as hazardous.

#### 2.2 Label elements

##### Acc. to Directive 1999/45/EC

Not labelled.

##### Acc. to CLP-Regulation (EC) No. 1272/2008

Not labelled.

#### 2.3 Other hazards

Dust In high concentration may irritate respiratory system.  
Skin May cause dryness of skin when exposed for long time.

### 3 Composition / information on ingredient

#### 3.2 Mixture

##### Description

Rigiplan-Kleber is a mixture of following compound and nonhazardous additives

##### Hazardous ingredient

##### Calcium sulphate<sup>2</sup>

EC-Nr. 231-900-3 CAS-Nr. 7778-18-9

Concentration 70 - 80 %-b.w.

No classification acc. to Regulation 67/548/EC and CLP-Directive (EU) 1278/2008

<sup>2</sup> Please consider the maximum allowed workplace concentration values for these components in Section 8.

## Rigips Rigiplan-Kleber

### 4 First aid measures

#### 4.1 Description of first aid measures

##### General information

In case of eye contact, follow the given instruction immediately.

##### After inhalation

Ensure supply of fresh air. In case of shortage of breath, provide oxygen. If unconscious place in recovery position and seek medical advice

##### After skin contact

Wash off immediately with soap and water. When needed use skin crème. In case of skin irritation contact a dermatologist

##### After eye contact

Remove contact lenses, irrigate copiously with clean, fresh water or using a flask containing sterile sodium chloride solution for at least 15 minutes, holding the eyelids apart. At any times seek medical advice by an oculist.

##### After ingestion

Drink plenty of water and seek medical advice.

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

No specific symptoms or effects have been reported.

#### 4.3 Identification of any immediate medical attention and special treatment needed

Not applicable.

### 5 Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Adjust to surrounding.

##### Extinguishing media that must not be used for safety reasons

None

#### 5.2 Special hazards arising from the mixture

None

##### Special protective equipment for fire-fighters

None

#### 5.3 Advice for fire-fighters

Product hardens in contact with water.

### 6 Accidental release measures

#### 6.1 Personal precaution, protective equipment and emergency procedures

Avoid contact with eyes and skin. Use protective goggles and gloves. Follow protective measures given in Section 7 and 8.

#### 6.2 Environmental precautions

Do not discharge into drains/surface waters/groundwater. In case of entry into waterways, soil or drains, inform the responsible authorities.

#### 6.3 Methods and material for contained and cleaning up

Take up spilled product in dry condition. Product hardens in contact with water. (see Section 13).

#### 6.4 Reference to other sections

Protective measures in Section 8

Disposal in Section 13

## Rigips Rigiplan-Kleber

### 7 Handling and storage

#### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Keep container tightly closed to avoid dust.

#### 7.2. Conditions for safe storage, including any compatibilities

##### Advice on protection against fire and explosion

Keep away from sources of ignition - refrain from smoking.

##### Requirements for storage rooms and vessels

Store in dry condition and avoid humidity. Seal open bags. Keep only in the original container. Avoid container of light metal.

##### Recommended storage temperature

Room temperature

#### 7.3 Specific end use

Gypsum-based adhesive for indoor application.

### 8 Exposure controls / personal protection

#### 8.1 Control parameters

Occupational exposure limits according Austrian Grenzwertverordnung 2007

Calcium sulphate	CAS-Nr.	7778-18-9	MAC	5 R / 10 R mg/m <sup>3</sup>	2x50 min (M)
Dust, inhalable				10 I / 20 I mg/m <sup>3</sup>	
				5 R / 10 R mg/m <sup>3</sup>	

MAC Maximum allowable concentration

I Inhalable

R Respirable

Iv Instantaneous value

M Mean value

#### 8.2 Exposure controls / personal protection

##### General protective and hygiene measures

Follow the general protection measures for handling chemicals. Do not eat or drink during work - no smoking. After completion of tasks, the affected skin areas must be thoroughly cleaned. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin.

##### Respiratory protection

Use dusk masks in dusty or insufficiently ventilated condition.

##### Skin protection

When an irritation has to be expected, use protective gloves Design operations thus to avoid permanent use of protective gloves.

##### Eye protection

With risks of spills, tightly fitting safety glasses (EN 166).

##### Personal protection

Standard work ware

### 9 Physical and chemical properties

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

Appearance	Powder
Colour	White
Odour	Odourless

## Rigips Rigiplan-Kleber

### Important health, safety and environmental information

#### Decomposition temperature

In  $\text{CaSO}_4 \times \frac{1}{2} \text{H}_2\text{O}$  and  $\text{H}_2\text{O}$  About 140 °C

In  $\text{CaSO}_4$  and  $\text{H}_2\text{O}$  About 700 °C  
In  $\text{CaO}$  and  $\text{SO}_3$  About 1000 °C

#### Bulk density

Value Approx. 850 kg/m<sup>3</sup>  
Reference temperature 20 °C

#### Solubility in water

Hardly soluble 2 g/L

#### pH-Value

Value of suspension Approx. 7  
Reference temperature 20 °C

### 9.2 Other information

None

## 10 Stability and reactivity

### 10.1 Reactivity

Materials to avoid: No materials known

### 10.2 Chemical stability

Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

### 10.3 Possibility of hazardous reactions

Mixing with an aqueous solution of sodium carbonate will result in the formation of carbon dioxide.

### 10.4 Conditions to avoid

Stable under the conditions recommended for storage in Section 7.

### 10.5 Incompatible materials

None known.

### 10.6 Hazardous decomposition products

Decomposition takes place from temperatures above 1450 °C in  $\text{CaO}$  and  $\text{SO}_3$ .

## 11 Toxicological information

### 11.1 Information on toxicological effects

No toxicological test has been completed on the product itself.

#### LD/LC<sub>50</sub>-value of main component

##### Calcium sulphate

Acute oral toxicity LD<sub>50</sub> oral rat: > 1581 mg/kg (OECD 420)

Acute inhalative toxicity LD<sub>50</sub> oral rat: > 2,61 mg/L (OECD 403)

Skin irritation Rabbit: No irritation (OECD 404)

#### Sensitization

No effect anticipated.

## Rigips Rigiplan-Kleber

### Information by experience

Contact with the eye leads untreated to serious damage of the eyes. Long-term exposure causes dryness and irritation of skin.

### Other information

None.

## 12 Ecological information

- |   |  |
|---|--|
| 12.1 Toxicity                           | No data of the mixture available.  |
| 12.2 Persistence and degradability      | No data of the mixture available.  |
| 12.3 Bioaccumulative potential          | No data of the mixture available.  |
| 12.4 Mobility in soil                   | No data of the mixture available.  |
| 12.5 Results of PBT and vPvB assessment | No data of the mixture available.  |
| 12.6 Other adverse effects              | Product is not allowed to discharge into aquatic environment, drains or sewage treatment plants. Water hazard class 1 (self- evaluation): low hazardous to water |

## 13 Disposal considerations

### 13.1 Waste treatment methods

Product is not allowed to discharge into aquatic environment, drains or sewage treatment plants.

Waste code 31438 (ÖNORM 2100)

Waste name Gypsum-based construction material

### European Waste Catalogue

1708 (gypsum-based construction material)

Remark: The listed waste code numbers, according to the European Waste Catalogue, are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company.

### Packaging

Non-contaminated packages may be recycled.

## 14 Transport information

Not classified as dangerous in terms of transport regulations

- |   |              |
|---|--------------|
| 14.1 UN number  | Not to apply |
| 14.2 UN proper shipping name  | Not to apply |
| 14.3 Transport hazard class   | Not to apply |
| 14.4 Packing group  | Not to apply |
| 14.5 Environmental hazard   | Not to apply |
| 14.6 Special precaution for users   | Not to apply |
| 14.7 Transport in bulk acc. to Annex II of MARPOL- 73/78 and the IBC-Code | Not to apply |

## Rigips Rigiplan-Kleber

### 15 Regulatory information

#### 15.1 Safety, health and environment regulations / legislation specific for the mixture

This SDS complies with Regulation (EC) No 1907/2006 (REACH).

##### National regulations:

##### Austria

The product is not classified as hazardous according to ChemV 1996. Labelling as hazardous is not required according to Directive 1999/45/EC and CLP-Regulation (EC) No. 1272/2008.

##### Germany

Water hazard class acc. VwVwS of 17.05.1999/Annex 2.  
WGK1 (low hazardous to water)

#### 15.2 Chemical safety assessment

Of the product no safety assessment has been accomplished.

### 16 Other information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, processing, transport and disposal. It is not a guarantee of product properties and no legal right is constituted. The classification according to Directive 1999/45/EC and Regulation (EC) No 1272/2008 is based on the evaluation of single components according Annex 6 of the Regulation (EC) No 1272/2008 and information of the supplier. This SDS is a translation of the German version and refers to the legal requirements in Austria.

##### Issuer of the SDS

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