

## Stuckgips

### 1 Identification of the substance and the company

#### 1.1 Product identifier

**Stuckgips**

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

Plaster of Paris for repair work and modelling application. Binder and formulation agent in construction material

#### 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

#### 3.1 Substances

Substance name Calcium sulphate from naturally occurring gypsum mineral with nonhazardous impurities  
Chemical formula  $\text{CaSO}_4 \times n \text{H}_2\text{O}$  (n= 0, 1/2, 2)

#### Hazardous ingredient

##### Calcium sulphate<sup>1</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>1</sup> Please consider the maximum allowed workplace concentration values for these components in Section 8.

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Hazardous impurities None  
Stabilisers None  
Additional information None

### 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 substance

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.

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### 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

## 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

Plaster of Paris 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

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### 9 Physical and chemical properties

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

|            |                        |
|------------|------------------------|
| Appearance | Powder                 |
| Colour     | Off-white - light grey |
| Odour      | Odourless              |

#### 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

##### Calcium sulphate

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

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

Skin irritation Rabbit: No irritation (OECD 404)

##### Sensitization

No effect anticipated.

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### 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

Substance hydrolyses into calcium and sulphate ions. Harmless to fish, daphnia and algae up to the concentration tested.  $LC_{50} > 79$  mg/L

### 12.2 Persistence and degradability

Hydrolysed ions are poorly eliminated from water.

### 12.3 Bioaccumulative potential

No identification of bioaccumulation potential.

### 12.4 Mobility in soil

Hardly water-soluble solid. Natural constituent in soil. Mobile in soil and soluble in groundwater.

### 12.5 Results of PBT and vPvB assessment

Substance does not meet the criteria for classification.

### 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 |

## Stuckgips

|                                                                                  |              |
|----------------------------------------------------------------------------------|--------------|
| <b>14.5 Environmental hazard</b>                                                 | Not to apply |
| <b>14.6 Special precaution for users</b>                                         | Not to apply |
| <b>14.7 Transport</b> in bulk acc. to Annex II of MARPOL- 73/78 and the IBC-Code | Not to apply |

### 15 Regulatory information

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

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 substance a 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 is based on Directive 1999/45/EC and Regulation (EC) No 1272/2008 as well as information from the registration. 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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