

Rigips Modellgips

1 Identification of the mixture and the company

1.1 Product identifier

Rigips Modellgips

1.2 Relevant identified uses of the mixture and uses advised against

Plaster of Paris for indoor application.

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

Modellgips is a mixture of following compound and nonhazardous additives

Hazardous ingredient

Calcium sulphate²

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

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

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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

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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 ³	2x50 min (M)
Dust, inhalable				10 I / 20 I mg/m ³	
				5 R / 10 R mg/m ³	

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	Off-white – light grey
Odour	Odourless

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Important health, safety and environmental information

Decomposition temperature

In $\text{CaSO}_4 \times \frac{1}{2} \text{H}_2\text{O}$ and H_2O About 140 °C

In CaSO_4 and H_2O About 700 °C
In CaO and SO_3 About 1000 °C

Bulk density

Value Approx. 850 kg/m³
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 CaO and SO_3 .

11 Toxicological information

11.1 Information on toxicological effects

No toxicological test has been completed on the product itself.

LD/LC₅₀-value of main component

Calcium sulphate

Acute oral toxicity LD₅₀ oral rat: > 1581 mg/kg (OECD 420)

Acute inhalative toxicity LD₅₀ 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	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

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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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