

Product information and processing instructions

Adapted to 1907/2006/EC, Article 31. Safety data sheets are only required for hazardous substances and hazardous mixtures, this product does not fall under any of these categories.

Printing date: 23.06.2022

Revision date/no.: 23.06.2022 / 002

Page 1/7

1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: Rigidur H (all types)

1.2 Relevant identified uses of the mixture and uses advised against

Uses of the substance/mixture:
building material

1.3 Details of the supplier of the product information and processing instructions

Saint-Gobain Rigips GmbH
Schanzenstraße 84
D-40549 Düsseldorf
Germany

National contact:

Saint-Gobain Rigips GmbH - Ladenburg Development Center – Gypsum Development
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2 Hazards identification

2.1 Classification of the substance or mixture

Not classified according to regulation (EC) No. 1272/2008.
Nevertheless, please note this product information.

2.2 Label elements

No labelling according to regulation (EC) No. 1272/2008.
Hazard pictograms: void
Signal word: void
Hazard statements: void

2.3 Other hazards

None.

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Printing date: 23.06.2022

Revision date/no.: 23.06.2022 / 002

Page 2/7

3 Composition / information on ingredients

Description:

Article made of calcium sulphate of different hydrate levels with additives (e.g. cellulose recycling paper fibres, fillers, hydrophobing agents).

This product is to be considered as an article as per REACH-definition. Articles are substances or preparations which feature a specific form, surface and shape which define their function to a larger extent than their chemical composition.

Hazardous ingredients

Void.

Further components:

CAS: 7778-18-9 Calcium sulfate

EINECS: 231-900-3

Reg.no.: 01-2119444918-26-XXXX

Remark: Materials with a threshold value for exposure in the workplace – see point 8

4 First aid measures

4.1 **Description of first aid measures**

General information:

No special measures required.

After inhalation:

Supply fresh air; consult doctor in case of complaints.

After skin contact:

Wash off with water and soap and rinse again.

After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

Rinse out mouth and then drink plenty of water. Get medical attention.

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

No further relevant information available.

4.3 **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

5 Firefighting measures

5.1 **Extinguishing media**

Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions

For safety reasons unsuitable extinguishing agents: None.

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Printing date: 23.06.2022

Revision date/no.: 23.06.2022 / 002

Page 3/7

5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Carbon monoxide (CO)

Carbon dioxide (CO₂)

Smoke

5.3 Advice for firefighting

Protective equipment: Wear self-contained respiratory protective device.

Additional information: The product is not flammable.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid formation of dust.

6.2 Environmental precautions:

Do not allow to enter to sewers/surface water or ground water.

6.3 Methods and material for containment and cleaning up:

Pick up mechanically.

6.4 Reference to other sections

Personal protection: See section 7 + 8.

Disposal information: See section 13.

7 Handling and storage

7.1 Precautions for safe handling

Avoid formation of dust.

Do not inhale dust.

Information about fire and explosion protection:

No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles:

No special requirements.

Information about storage in one common storage facility:

Not required.

Further information about storage conditions:

Store in dry conditions.

Storage class:

Non-combustible solids.

7.3 Specific end use(s): Not relevant.

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Revision date/no.: 23.06.2022 / 002

Page 4/7

8 Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

Occupational exposure limits (based on TRGS 900-listings valid in Germany)

CAS: 7778-18-9 Calciumsulphate

Limit value (TRGS 900): 6 mg/m³ A

Dust (inhalable fraction)

Limit value (TRGS 900): 10 mg/m³ E

Dust (respirable fraction)

Limit value (TRGS 900): 1,25 mg/m³ A

Note: A = alveolar fraction, E = inhalable fraction

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Personal protection equipment:

Respiratory protection:

Wear dust mask FFP1 if dust develops.

Protection of hands:

Not required.

Eye protection:

Wear safety goggles with side protection if dust develops.

Body protection:

Protective working clothing.

9 Physical and chemical properties

9.1 Information in basis physical and chemical properties

Appearance:

Physical state: Plate

Colour: Gypsum core: white, white-beige, white-grey
Paper-liner: different colours

Odour: Odourless.

Odour threshold: Not determined.

pH-value: Not applicable in the supplied state, suspension 6-9.

Change in condition:

Melting point / melting range:

Not applicable

Boiling temperature/boiling range:

Not applicable

Flash point:

Not applicable

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Revision date/no.: 23.06.2022 / 002

Page 5/7

Flammability (solid, gaseous)	Not applicable
Ignition temperature:	Not applicable
Decomposition temperature:	Not determined
Self-igniting:	Product is not self-igniting
Danger of explosion:	Product does not present an explosion hazard
Vapor pressure:	Not applicable
Relative density:	Not determined
Vapor density:	Not applicable
Evaporation rate:	Not applicable
Solubility in/Miscibility with water:	ca. 2 g/l (calcium sulfate x 2 H ₂ O) at 20 °C
Partition coefficient (n-octanol/water):	Not applicable
Viscosity:	
Dynamic:	Not applicable
Kinematic:	Not applicable

9.2 Other information

Thermal decomposition of gypsum

to CaSO₄ and H₂O at 140 °C

to CaO and SO₃ at 1000 °C

10 Stability and Reactivity

10.1 Reactivity

No further relevant information available.

10.2 Chemical stability

Thermal decomposition/conditions to be avoided:

Avoid damp conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

No further relevant information available.

10.5 Incompatible materials

No further relevant information available.

10.6 Hazardous decomposition products

No decomposition if used according to specifications.

11 Toxicological information

11.1 Information on toxicological effects

Non-toxic.

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects in our experience and the information provided to us.

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Revision date/no.: 23.06.2022 / 002

Page 6/7

12 Ecological information

12.1 Toxicity

Aquatic:

No further relevant information available.

12.2 Persistence and degradability

No further relevant information available.

12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

Additional ecological information:

General notes:

Do not allow product to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

12.6 Other adverse effects

No further relevant information available.

13 Disposal considerations

13.1 Waste treatment methods

Recommendation: Disposal must be made according to official regulations.

European waste catalogue

17 08 02 gypsum-based construction materials other than those mentioned in 17 08 01.

17 09 04 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03.

Recommendation:

The mentioned waste-classes are only an advice because according to EC-Law the waste-class must be defined by the origin of the waste. The correct waste code may differ and must be classified by the waste owner.

Attention: Observe local regulations and laws!

14 Transport information

14.1 UN number

ADR, IMDG, IATA: Void.

14.2 UN proper shipping name

ADR, IMDG, IATA: Void.

14.3 Transport hazard class(es)

ADR, IMDG, IATA class: Void.

14.4 Packing group

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Page 7/7

ADR, IMDG, IATA: Void.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the

IBC-Code: Not applicable.

UN „Model Regulation“: Void.

15 Regulatory information

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

National regulations:

Water hazard class (according to German law):

WGK 1 slightly water hazardous (Classification according to VwVwS, Annex 4)

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out.

16 Other information

Indication of changes

Article made of calcium sulphate of different hydrate levels with additives (e.g. cellulose recycling paper fibres, fillers, hydrophobing agents).None.

Department issuing MSDS:

Saint-Gobain Rigips GmbH, Department: Ladenburg Development Center – Gypsum Development (LDC-GD); 68526 Ladenburg

Point of contact:

See point 1.

Further information

Information and instructions provided in this SDS are based on the current state of scientific and technical knowledge at the date of issue indicated. It should not be construed as any guarantee of technical performance, suitability for particular applications, and does not establish a legally valid contractual relationship.

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative