

## **1. Identification of the substance and of the company/undertaking**

**Product identifier**

**Trade name: Rigips VARIO**

**Relevant identified uses of the substance and uses advised against**  
**Use of the substance/preparation:** building material

**Details of the supplier of the safety data sheet**

**Manufacturer/Supplier:**  
Saint-Gobain Rigips GmbH  
Schanzenstraße 84  
D-40549 Düsseldorf  
Germany

**Information contact and emergency telephone number**  
Saint-Gobain Rigips GmbH –  
Ladenburg Development Center – Gypsum Development  
Dr.-Albert-Reimann-Straße 20  
D – 68526 Ladenburg; Germany  
+49(0)621-4701691  
Email [forschung-entwicklung@rigips.de](mailto:forschung-entwicklung@rigips.de)

**Emergency telephone number:**  
Tel +49 (0)621 4701691 (only at daily working-times)

Common European Emergency Number: 112

## **2. Hazards identification**

**Classification of the substance**  
**Classification according to regulation (EC) Nr. 1272/2008**  
This substance is not classified according to the CLP regulation

**Label elements**  
**Labelling according regulation (EC) No. 1272/2008** void  
**Hazard pictograms** void  
**Hazard-determining components of labelling** void  
**Signal word** void  
**Hazard statements** void

**Other hazards**

No special remarkable hazards. Please observe the information given in this safety data sheet.

**Results of PBT and vPvB assessment**

PBT: Not applicable.  
vPvB: Not applicable.

### **3. Composition/information on ingredients**

**Chemical characterization:** Mixtures

**Description:**

Mixture of calcium sulphate of different hydrate levels with additives such as mineral fillers, additives, polymer powders.

CAS: 7778-18-9 calcium sulphate  
EINECS: 231-900-3  
Reg.nr.: 01-2119444918-26-XXXX

**Dangerous components:** Void

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

### **4. First aid measures**

**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

**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

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

No further relevant information available

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

No further relevant information available.

### **5. Firefighting measures**

**Extinguishing media**

**Suitable extinguishing agents:**

All extinguishing agents are suited. Use fire extinguishing methods suitable to surrounding conditions

**For safety reasons unsuitable extinguishing agents:** none

**Special hazards arising from the substance or mixture:** none

**Advice for fire fighters**

**Special protective equipment for fire-fighters:**

No special measures required

**Additional information:**

The product is not flammable. Product sets/hardens in contact with water

## **6. Accidental release measures**

### **Personal precautions, protective equipment and emergency procedures:**

Avoid contact with skin and eyes  
Product forms slippery surface when combined with water  
Avoid formation of dust

### **Environmental precautions:**

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

### **Methods and materials for containment and cleaning up:**

Pick up (dry) mechanically

### **Reference to other sections:**

Product sets/hardens in contact with water

## **7. Handling and storage**

### **Precautions for safe handling**

Prevent formation of dust

### **Information about fire- and explosion protection**

No special measures are required.

### **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. Keep container tightly sealed

### **Storage class**

Non-combustible solids.

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

No further relevant information available

## **8. Exposure controls / personal protection**

### **Additional information about design of technical facilities:**

No further data; see chapter 7

### **Control parameters**

### **Ingredients with limit values that require monitoring at the workplace:**

### **Occupational exposure limits (based on lists valid in Germany)**

Calciumsulphate

Limit value (based on TRGS 900-listings valid in Germany): 6 mg/m<sup>3</sup> (A; alveolar fraction)

Dust (respirable fraction)

Limit value (based on TRGS 900-listings valid in Germany): 1,25 mg/m<sup>3</sup> (A; alveolar fraction)

Dust (inhalable fraction)

Limit value (based on TRGS 900-listings valid in Germany): 10 mg/m<sup>3</sup> (E; inhalable fraction)

**Additional information:**

The lists valid during the making were used as basis

**Exposure controls**

**General protection and hygiene measures:**

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

**Personal protection equipment**

Respiratory protection: Wear dust mask FFP1 if dust forms

Protection of hands: Wear protective gloves if exposed to prolonged or repeated contact. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves: Cotton gloves impregnated with nitrile

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed

Eye protection: In case of product splashes use protective glasses

Body protection: Protective work clothing

**9. Physical and chemical properties**

**Information on basic physical and chemical properties**

**Appearance**

Physical state: Solid, Crystalline powder

Colour: white, yellowish, white-beige

**Odour**

neutral

**pH-value (100 g/l); 20 °C:**

as supplied not applicable

in aqueous suspension 7 – 9

**Change in condition**

Melting point/ Melting range: not applicable

Boiling point/ Boiling range: not applicable

Flash point: not applicable

Flammability: not applicable

Self-igniting: Product is not self-igniting

Danger of explosion: Product does not present an explosion hazard

Solubility in water: app. 2g/l

**Other information**

Thermal decomposition of gypsum  
to CaSO<sub>4</sub> and H<sub>2</sub>O starting at app. 140°C  
to CaO and SO<sub>3</sub> starting at app. 1000 °C

## **10. Stability and reactivity**

### **Reactivity**

No further relevant information available

### **Chemical stability**

#### **Thermal decomposition/ conditions to be avoided**

No decomposition if used and stored according to specifications

Avoid damp conditions

### **Possibility of hazardous reactions**

No dangerous reactions known

### **Incompatible materials**

None known

### **Hazardous decomposition products**

No dangerous decomposition products known

## **11. Toxicological information**

### **Information on toxicological effects**

#### **Acute toxicity**

Based on available data, the classification criteria are not met

#### **Primary irritant effect**

Skin irritation:

Based on available data, the classification criteria are not met

Serious eye irritation:

Based on available data, the classification criteria are not met

Respiratory or skin sensitisation:

Based on available data, the classification criteria are not met

### **Additional toxicological information**

Non-toxic

### **CMR effects (carcinogenicity, mutagenicity, and toxicity for reproduction)**

Germ cell mutagenicity:

Based on available data, the classification criteria are not met

Carcinogenicity:

Based on available data, the classification criteria are not met

Reproductive toxicity:

Based on available data, the classification criteria are not met

STOT-single exposure:

Based on available data, the classification criteria are not met

STOT-repeated exposure:

Based on available data, the classification criteria are not met

Aspiration hazard:

Based on available data, the classification criteria are not met

## **12. Ecological information**

### **Toxicity**

#### **Aquatic toxicity**

No further relevant information available

#### **Persistence and degradability:**

No further relevant information available

#### **Bioaccumulative potential:**

No further relevant information available

#### **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.

#### **Results of PBT- und vPvB- assesment**

PBT: not applicable

vPvB: not applicable

#### **Other adverse effects**

No further relevant information available

## **13. Disposal considerations**

### **Waste treatment methods**

#### **Product:**

Waste disposal according to official regulations

#### **List of proposed waste codes/ waste designations in accordance with EWC**

EWC waste disposal No: 170801, 170802, 170107, 170904.

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. The waste-disposer and the municipal waste offices will help

Attention: Observe local regulations and laws!

#### **Uncleaned packaging**

#### **Recommendation**

Empty contaminated packaging thoroughly. They may be recycled after thorough and proper cleaning

## **14. Transport information**

Not a dangerous good according to the regulations ADR (agreement concerning the international carriage of dangerous goods by road), IMDG (transport of dangerous goods by waterways - International Maritime Dangerous Goods) and IATA (transport of dangerous goods by air).

<b>UN-number ADR, IMDG, IATA:</b>	void	
<b>UN proper shipping name ADR, IMDG, IATA:</b>	void	
<b>Transport hazard class ADR, IMDG, IATA class:</b>	void	
<b>Packing group ADR, IMDG, IATA :</b>	void	
<b>Environmental hazards:</b>	not applicable	
<b>Special precautions for users:</b>	not applicable	
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>		not applicable
<b>UN „Model Regulation“:</b>	-	

## **15. Regulatory information**

### **Safety, health and environmental regulations/legislations specific for the substance**

#### **EU regulations:**

This substance is not classified as hazardous according to EU-regulations

#### **National Regulations**

Water hazard class (according to German law):  
WGK 1, slightly water hazardous (Classification according to VwVwS, Annex 4)

#### **Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

## **16. Other information**

### **Indication of changes**

safety data sheet acc. 1907/2006/EG; Annex II, as amended (EU 2015/830)

### **Relevant H-statements (number and full text)**

void

### **Department issuing MSDS:**

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

### **Point of contact:**

See point 1

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.