

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

Product identifier

Trade name: Rigips Flüssig-Dichtfolie

Relevant identified uses of the substance and uses advised against

No further relevant information available.

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:

Saint-Gobain Rigips GmbH - Ladenburg Development Center – Gypsum Development
Dr.-Albert-Reimann-Straße 20
D – 68526 Ladenburg
+49(0)621-4701691
Email forschung-entwicklung@rigips.de

1.4 · Emergency telephone number:

Tel +49 (0)621 4701691 (only at daily working-times)

European Emergency Number: 112

2. Hazards identification

Classification of the substance or mixture

Classification according to regulation (EC) Nr. 1272/2008

This product is not classified according to the CLP regulation.

Label elements

Labelling according to Regulation (EC) No 1272/2008: Void

Hazard pictograms: Void

Signal word: Void

Hazard statements: Void

Additional information:

Contains 1,2-Benzisothiazol-3(2H)-one, 2-Methyl-2H-isothiazol-3-one, Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EG no. 247-500-7] and 2-Methyl-2H-isothiazol-3-one [EG no. 220-239-6] (3:1). May produce an allergic reaction.

Other hazards**Results of PBT and vPvB assessment****PBT:** Not applicable**vPvB:** Not applicable**3. Composition/information on ingredients****Chemical characterization:** Mixtures**Description:** Aqueous synthetic resin dispersion based on polystyrene acrylate.

Hazardous ingredients:		
CAS: 7727-43-7 EINECS: 231-784-4 Indexno.: 056-002-00-7 Reg.-Nr.: 01-2119491274-35-xxxx	barium sulfate Substance subject to a Community occupational exposure limit value	10-25 %

SVHC Void**4. First aid measures****Description of first aid measures****General information:** Immediately remove any clothing soiled by the product.**After inhalation:** Supply fresh air; consult doctor in case of complaints.**After skin contact:** Immediately wash with water and soap and rinse thoroughly.
Generally, the product does not irritate the skin.**After eye contact:** Rinse opened eye for several minutes under running water. Then consult doctor. Rinse liquid should be tempered (20-30 °C).**After swallowing:** Rinse out mouth with water. Do not induce vomiting. Seek medical attention and present this data sheet.**Information for doctor:** None**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:

Use fire extinguishing methods suitable for surrounding conditions.

Special hazards arising from the substance or mixture:

When water is vaporized, generation of toxic gases can not be excluded, e.g.:

Carbon monoxide (CO)

Nitrogen oxides (NO_x)

Advice for fire fighters

Protective equipment: Use methods suitable to surrounding conditions.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wear protective equipment. Keep unprotected persons away.

Environmental precautions:

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

Methods and materials for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Reference to other sections:

See Section 13 for disposal information.

7. Handling and storage

Precautions for safe handling

Keep receptacles tightly sealed. Store in cool, dry place in tightly closed receptacles.

Information about fire- and explosion protection:

No special measures required.

Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and receptacles:

Store only in unopened original receptacles.

Information about storage in one common storage facility:

Store away from foodstuffs.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Protect from freezing.

Protect from heat and direct sunlight.

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 item 7.

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

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

PNECs	
7727-43-7 barium sulphate, natural	
Predicted No Effect Concentration	207,7 mg/kgxdwt (earth rating factor)
Predicted No Effect Concentration	0,115 mg/l (fresh water rating factor)

Additional information:

The applicable TRGS 900 (MAK list; Germany) was used as the basis for the preparation and/or revision of this safety data sheet.

Exposure controls**Personal protective equipment****General protection and hygienic measures:**

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

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Do not eat, drink, smoke or sniff while working.

Personal protection equipment

Respiratory protection: Not necessary if room is well-ventilated.

Hand protection: Protective gloves.

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: Rubber gloves.
 The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

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: Goggles recommended during refilling.
 Body protection: Protective work clothing.

9. Physical and chemical properties

Information on basic physical and chemical properties

General Information

Appearance

Physical state: Fluid
 Colour: According to product specification

Odour

Characteristic
 Odour threshold: Not determined

pH-value at 20 °C:	> 7,0 (DIN 19261)
Change in condition	
Melting point/Melting range:	Undetermined
Boiling point/Boiling range:	100 °C (DIN)
Flash point:	Not applicable
Ignition temperature:	Not determined
Decomposition temperature:	Not determined
Self-igniting:	Product is not selfigniting
Danger of explosion:	Product does not present an explosion hazard
Explosion limits:	
Lower:	Not determined
Upper:	Not determined
Oxidising properties:	Not determined
Vapour pressure at 20 °C:	23 hPa (DIN 51640)
Density:	Not determined
Bulk density:	Not applicable
Vapour density:	Not determined
Evaporation rate:	Not determined
Solubility in/Miscibility with	
Water:	Fully miscible
Segregation coefficient (n-Octanol/water)	
logPow	Not determined

Viscosity:	
dynamic:	Not determined
kinematic:	Not determined
Solvent content:	
Organic solvents:	0,0 %
EU-VOC:	0,00 %
Other information:	None

10. Stability and reactivity

Reactivity

Chemical stability

Thermal decomposition/Conditions to be avoided:

No decomposition if used according to specifications.

Possibility of hazardous reactions

No dangerous reactions known

Conditions to avoid

No further relevant information available.

Incompatible materials

No further relevant information available.

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
LD/LC50 values relevant for classification:

7727-43-7 barium sulphate, natural
Oral LD50 > 15000 mg/kg (rat)

Polyacrylat
Oral LD50 > 2000 mg/kg (rat)
Dermal: LD50 > 2000 mg/kg (rat)

Primary irritant effect:

Skin corrosion/irritation:

Based on available data, the classification criteria are not met

Serious eye damage/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

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.

Barium sulphate 7727-43-7							
Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity, Daphnia	EC50	48h	32,0	mg/l	Daphnia magna		
Polyacrylat							
Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity, Daphnia	EC50	48h	>1000	mg/l	Daphnia magna		
Toxicity, fish	LC50	96h	>1000	mg/l	fish		

Persistence and degradability:

No further relevant information available.

Other information:

The product is not easily biodegradable.

Behaviour in environmental systems:

Bioaccumulative potential:

No further relevant information available.

Mobility in soil:

No further relevant information available.

Ecotoxicological effects:

Remark: The product contains substances which causes severe clouding in water

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

13. Disposal considerations

Waste treatment methods

Recommendation:

Must be specially treated adhering to official regulations.

European waste catalogue

Possible waste code. The concrete waste code depends of the source of the waste:

08 01 20 aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19

Uncleaned packaging:

Recommendation:

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

Recommended cleaning agent:

Water, if necessary together with cleansing agents.

14. Transport information

UN-Number ADR, ADN, IMDG, IATA	Void
UN proper shipping name ADR, ADN, IMDG, IATA	Void
Transport hazard class(es) ADR, ADN, IMDG, IATA Class:	Void
Packing group ADR, IMDG, IATA	Void
Environmental hazards: Marine pollutant:	No
Special precautions for users:	Not applicable
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC-Code:	Not applicable
Transport/Additional information: above specifications	Not dangerous according to the
UN „Model Regulation“:	Void

15. Regulatory information

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

Directive 2012/18/EU

Named dangerous substances – ANNEX I None of the ingredients is listed
REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 46b

Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

16. Additional 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.

Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning

the International Transport of Dangerous Goods by Rail)

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

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO: International Civil Aviation Organisation

GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society) PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern (REACH regulation)

vPvB: very Persistent and very Bioaccumulative