

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

Product identifier

Trade name: Rigidur Estrichkleber

Relevant identified uses of the mixture and uses advised
Adhesive

Uses of the substance/mixture: Adhesive

Details of the supplier of the Safety Data Sheet

Manufacturer/Supplier:

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

National 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

Emergency telephone number:

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

European Emergency Number: 112

2 Hazards identification

2.1 Classification of the substance or mixture

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

Hazard class	Hazard categorie	Hazard statement
Eye Irrit. STOT SE	2 3	H319-Causes serious eye irritation H335-May cause respiratory irritation
Skin Irrit.	2	H315-Causes skin irritation
Resp. Sens.	1	H334- May cause allergy or asthma symptoms or breathing difficulties if inhaled
Skin Sens. STOT RE	1 2	H317-May cause an allergic skin reaction H373-May cause damage to organs through prolonged or repeated exposure
Carc.	2	H351-Suspected of causing cancer.

2.2 Label elements

2.2.1 Labeling according to Regulation (EC) 1272/2008 (CLP)



Danger

Hazard statements

H319-Causes serious eye irritation
H335-May cause respiratory irritation
H315-Causes skin irritation
H334- May cause allergy or asthma symptoms or breathing difficulties if inhaled
H317-May cause an allergic skin reaction
H373-May cause damage to organs through prolonged or repeated exposure
H351-Suspected of causing cancer.

Prevention

P201-Obtain special instruction before use
P260-Do not breathe vapor or spray
P280-Wear protective gloves/protective clothing and eye protection/face protection
P284-Wear respiratory protection

Response

P302+P352-IF ON SKIN: Wash with plenty water and soap
P304+P340-IF INHALED: Remove person to fresh air and keep comfortable for breathing
P305+P351+P338-IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P308+P313-IF EXPOSED OR CONCERNED: Get medical advice/attention

EUH204-Contains isocyanates. May produce an allergic reaction

2.3 Other hazards

The mixture does not contain any vPvB substance (vPvB=very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006.

The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006.

3 Composition/information on ingredients

3.1 Substance:

n.a.

3.2 Mixture

Diphenylmethanediisocyanate, isomeres and homologues	
Registration number (REACH)	--
Index	--
EINECS, ELINCS, NLP	--
CAS	CAS 9016-87-9
content %	25-50
Classification according to Regulation (EC) Nr. 1272/2008 (CLP)	Acute Tox. 4, H332 Eye Irrit. 2, H319 STOT SE 3, H335 Skin Irrit. 2, H315 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT RE 2, H373

Propylene carbonat	
Registration number (REACH)	--
Index	607-194-00-1
EINECS, ELINCS, NLP	203-572-1
CAS	CAS 108-32-7
content %	1-10
Classification according to Regulation (EC) Nr. 1272/2008 (CLP)	Eye Irrit. 2, H319

For the text of the H-phrases and classification codes (GHS/CLP), see Section 16.

The substances named in this section are given with their actual, appropriate classification!

For substances that are listed in appendix VI, table 3.1/3.2 of the regulation (EC) no 1272/2008 (CLP regulation) this means that all notes that may be given here for the named classification have been taken into account.

If, for example, the note P is applied for a hydrocarbon then this has already been taken into account for the classification named here.

Quote: „Note P – The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7)“.

Article 4 of the regulation (EC) no 1272/2008 (CLP regulation) was also observed and taken into account for the classification named here.

4 First aid measures

4.1 Description of first aid measures

Inhalation:

Remove person from danger area.

Supply person with fresh air and consult doctor according to symptoms

If the person is unconscious, place in a stable side position and consult a doctor.

Respiratory arrest – Artificial respiration apparatus necessary.

Skin contact:

Wipe off residual product carefully with a soft, dry cloth.

Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor.

Dab away with polyethylene glycol 400.

Eye contact:

Remove contact lenses.
Wash thoroughly for several minutes using copious water – call doctor immediately, have Data Sheet available.

Ingestion:

Rinse mouth thoroughly with water.
Do not induce vomiting – give copious water to drink. Consult doctor immediately.
Never pour anything into the mouth of an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1.

The following may occur:

Dermatitis (skin inflammation)

Drying of the skin

Allergic contact eczema

Discoloration of the skin

Irritant to mucosa of the nose and throat

Coughing

Headaches

Effect on the central nervous system

Asthmatic symptoms

In case of sensitivity, concentrations below the limit value may already result in asthmatic symptoms.

Respiratory distress

4.3 Indication of any immediate medical attention and special treatment needed

In case of irritation to the lungs, perform first-aid with controlled-dosage aerosol dexamethasone.

Pulmonary oedema prophylaxis

Medical supervision necessary due to possibility of delayed reaction.

5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

CO₂

Exinction powder

Water jet spray.

Foam

Unsuitable extinguishing media:

High volume water jet

5.2 Special hazards arising from the substance or mixture:

In case of fire the following can develop:

Oxides in carbon

Oxides in nitrogen

Isocyanates

Hydrocyanic acid (hydrogen cyanide)

Toxic gases

Danger of bursting (explosion) when heated

5.3 Advice for firefighters:

In case of fire and/or explosion do not breathe fumes.

Protective respirator with independent air supply

According to size to fire

Full protection, if necessary

Cool container at risk with water
Dispose of contaminated extinction water according to official regulations.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure sufficient supply of air
Avoid inhalation and contact with eyes or skin
If applicable, caution – risk of slipping.

6.2 Environmental precautions:

If leakage occurs, dam up
Resolve leaks if this possible without risk
Prevent surface and ground-water infiltration, as well as ground penetration
Prevent from entering drainage system
If accidental entry into drainage system occurs, inform responsible authorities.

6.3 Methods and material for containment and cleaning up:

Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth, sawdust) and dispose of according to Section 13.
Allow to stand for a few days in an unclosed container until reaction no longer occurs.
Keep moist.
Do not close packing drum.
CO₂ formation in closed tanks causes pressure to rise.

6.4 Reference to other sections

For personal protective equipment see Section 8 and for disposal instructions see Section 13.

7 Handling and storage

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

7.1 Precautions for safe handling

7.1.1 General recommendations

Ensure good ventilation
Avoid inhalation of the vapors.
If applicable, suction measures at the workstation or on the processing machine necessary.
Avoid contact with eyes or skin
No contact with products of this type in case of allergies, asthma and chronic respiratory tract disorders
Eating, drinking, smoking, as well as food-storage, is prohibited in work-room
Observe directions on label and instructions for use
Use working methods according to operating instructions.

7.1.2 Notes on general hygiene measures at the workplace:

General hygiene measures for the handling of chemicals are applicable
Wash hands before breaks and at end of work
Keep away from food, drink and animal feedingstuffs
Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

7.1.3 Conditions for safe storage, including any incompatibilities

Keep out of access to unauthorised individuals.
Not to be stored in gangways of stair wells.
Store product closed and only in original packing.
Keep protected from direct sunlight and temperatures over 50 °C.

Only store at temperatures from 15 °C to 25 °C.
 Store in a dry place

7.3 Specific end use(s)
 Adhesive

8 Exposure controls/personal protection

8.1 Control parameters

Chem. Name	Diphenylmethanediisocyanate, isomeres and homologues	Content % 25-50
WEL-TWA: 0,02 mg/m ³ (Isocyanates, all (as-NCO))	WEL-STEL: 0,07 mg/m ³ (Isocyanates, all (as-NCO))	--
BMGV: 1µmol urinary diamine/mol creatinine in urine (Isocyanate, post task)	Other information: Sen (Isocyanats, all (as-NCO))	

WEL-TWA = Workplace Exposure Limit – Long-term exposure limit (8-hour TWA (=time weighted average) reference period) EH40. AGW = “Arbeitsplatzgrenzwert” (workplace limit value, Germany).
 WEL-STEL = Workplace Exposure Limit – Short-term exposure limit (15-minute reference period) | BMGV = Workplace Exposure Limit – Short-term exposure limit (15-minute reference period). | BMGV = Biological monitoring guidance value EH40. BGW = “Biologischer Grenzwert” (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.
 ** = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

Propylene carbonate						
Area of application	Exposure route/ Environmental compartment	Effect on health	Descriptor	Value	Unit	Note
	Environment – sporadic (intermittent) release		PNEC	9	mg/l	
	Environment -marine		PNEC	0,09	mg/l	
	Environment-sediment, marine		PNEC	0,083	mg/l	
	Environment-soil		PNEC	0,81	mg/l	
Workers/ employees	Human-dermal	Long term, systemic effects	DNEL	50	mg/kg	
Workers/ employees	Human-inhalation	Long term, local effects	DNEL	20	mg/m ³	
Consumer	Human-dermal	Long term, systemic effects	DNEL	25	mg/kg	
Consumer	Human-inhalation	Long term, local effects	DNEL	10	mg/m ³	
	Environment-freshwater		PNEC	0,9	mg/l	
	Environment-sediment, freshwater		PNEC	0,83	mg/l	
	Environment-sewage treatment plant		PNEC	7400	mg/l	
Consumer	Human-oral	Long term, systemic effects	DNEL	25	mg/kg	

Workers/ employees	Human-inhalation	Long term, systemic effects	DNEL	176	mg/m ³	
Consumer	Human-inhalation	Long term, systemic effects	DNEL	43,5	mg/m ³	

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.
If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn. Applies only if maximum permissible exposure values are listed here.

8.2.2 Individual protection measures, such as personal protective equipment

General hygiene measures for the handling of chemicals are applicable.
Wash hands before breaks and at end of work.
Keep away from food, drink and animal feedingstuffs.
Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Eye/face protection:
Tight fitting protective goggles with side protection (EN 166).

Skin protection – Hand protection:
Chemical resistant protective gloves (EN 374)
Recommended
Protective nitrile gloves (EN 374)
Minimum layer thickness in mm: $\leq 0,35$
Permeation time (penetration time) in minutes ≥ 480 minutes
The breakthrough times determined in accordance with EN 374 Part III were not obtained under practical conditions.
The recommended maximum wearing time is 50 % of breakthrough time.
Protective hand cream recommended.

Skin protection – Other
Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments)

Respiratory protection:
Normally not necessary
If OES or MEL is exceeded
Filter A2 P2 (EN 14387), code colour brown, white
Observe wearing time limitations for respiratory protection equipment

Thermal hazards:
Not applicable

Additional information on hand protection – No tests have been performed
In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents.
Selection of materials derived from glove manufacturer's indications.
Final selection of glove material must be made taking the breakthrough times, permeation rates and varies from manufacturer to manufacturer.
In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use.
The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

8.2.3 Environmental exposure controls:

No information available at present

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Brown
Odour:	Characteristic
Odour threshold:	Not determined
pH-value:	Not determined
Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	Not determined
Flash point:	111 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Lower explosive limit:	Not determined
Upper explosive limit:	Not determined
Vapour pressure:	Not determined
Vapour density (air = 1):	Not determined
Density:	1,12 g/cm ³ (20 °C)
Bulk density:	n.a.
Solubility(ies):	Not determined
Water solubility:	Not miscible
Partition coefficient (n-octanol/water):	Not determined
Auto-ignition temperature:	n.a.
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Product is not explosive
Oxidising properties:	No

9.2 Other information

Miscibility:	Not determined
Fat solubility:	Not determined
Conductivity:	Not determined
Surface tension:	Not determined
Solvents content:	Not determined

10 Stability and Reactivity

10.1 Reactivity:

reacts with water

10.2 Chemical stability

Stable with proper storage and handling

10.3 Possibility of hazardous reactions:

Exothermic reaction possible with:

Alcohols

Amines

Bases

Acids

Water

Development of:

Carbon dioxide

CO₂ formation in closed tanks causes pressure to rise

Pressure increase will result in danger of bursting

10.4 Conditions to avoid:

See also section 7
 Protect from humidity
 Polymerisation due to high heat is possible
 T > 260 °C

10.5 Incompatible materials:

See also section 7
 Acids
 Bases
 Amines
 Alcohols
 Water

10.6 Hazardous decomposition products:

See also section 5.2
 No decomposition when used as directed.

11 Toxicological information

Possibly more information on health effects, see Section 2.1 (classification)

Rigidur floor adhesive						
Toxicity/ effect	Endpoint	Value	Unit	Orga-nism	Test method	Notes
Acute toxicity, by oral route						n.d.a
Acute toxicity, by dermal route						n.d.a
Acute toxicity, by inhalation	ATE	> 20	mg/l /4h			calculated value, Vapors
Skin corrosion/irritation						n.d.a
Serious eye damage/irritation						n.d.a
Respiratory or skin sensitisation						n.d.a
Germ cell mutagenicity						n.d.a
Carcinogenicity						n.d.a
Reproductive toxicity						n.d.a
Specific target organ toxicity-single exposure (STOT-SE)						n.d.a
Specific target organ toxicity-repeated exposure (STOT-RE)						n.d.a
Aspiration hazard						n.d.a
Respiratory tract irritation						n.d.a
Repeated dose toxicity						n.d.a
Symptoms						n.d.a
Other information						Classification according to calculation procedure

Diphenylmethanediisocyanate, isomeres und homologues						
Toxicity/ effect	Endpoint	Value	Unit	Orga-nism	Test method	Notes
Acute toxicity, by oral route	LD50	>5000	mg/kg	Rat		
Acute toxicity, by dermal route	LD50	>2000	mg/kg	Rabbit		
Skin corrosion/irritation				Rabbit	OECD 404 (Acute Dermal Irritation/ Corrosion)	Irritant
Serious eye damage/irritation						Irritant
Respiratory or skin sensitisation						Sensitizing (inhalation and skin contact)
Reproductive toxicity						Negative
Specific target organ toxicity-single exposure (STOT-SE)						Irritation of the respiratory tract
Aspiration hazard						No
Respiratory tract irritation						Irritant
Symptoms						Fever, coughing, headaches, nausea and vomiting, dizziness, breathing difficulties, laryngeal oedema of the lungs, chemical pneumonitis (condition similar to pneumonia), abdominal pain, diarrhoea

Propylene carbonate						
Toxicity/ effect	Endpoint	Value	Unit	Orga-nism	Test method	Notes
Acute toxicity, by oral route	LD50	33520	mg/kg	Rat	OECD 401 (Acute Oral Toxicity)	
Acute toxicity, by dermal route	LD50	>2000	mg/kg	Rabbit	OECD 402 (Acute Dermal Toxicity)	
Skin corrosion/irritation				Rabbit	OECD 404 (Acute Dermal Irritation/ Corrosion)	Not irritant
Serious eye damage/irritation				Rabbit	OECD 405 (Acute Eye Irritation/ Corrosion)	Irritant
Respiratory or skin sensitisation				Human being		Not sensitizing

Germ-cell mutagenicity					OECD 474 (Mammalian Erythrocyte Micronucleus Test)	Negative
Germ-cell mutagenicity (in vitro)					OECD 482 (Gen. Tox.- DNA Damage and Repair, Unscheduled DNA Synthesis in Mammalian (Cells in Vitro))	Negative
Germ-cell mutagenicity (bacterial)					OECD 471 (Bacterial Reverse Mutation Test)	Negative
Carcinogenicity				Mouse	OECD 451 (Carcinogenicity Studies)	Negative
Reproductive toxicity	NOAEL	1000	mg/kg	Rat	OECD 414 (Prenatal Developmental Toxicity Study)	Negative
Specific target organ toxicity-single exposure (STOT-SE)						No
Specific target organ toxicity-repeated exposure (STOT-RE)						No
Aspiration hazard						No
Repeated dose toxicity	NOEL	>5000	mg/kg		OECD 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)	
Repeated dose toxicity	NOEC	100	mg/m ³		OECD 413 (Subchronic Inhalation Toxicity- 90-Day Study)	Dust, Mist
Symptoms						breathing difficulties, headaches, gastrointestinal disturbances, dizziness, nausea
Teratogenicity	NOAEL	5000	mg/kg	Rat	OECD 414 (Prenatal Developmental Toxicity Study)	No indications of such an effect

12 Ecological information

Possibly more information on environmental effects, see Section 2.1 (classification)

Rigidur floor adhesive							
Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity, fish							n.d.a.
Toxicity to daphnia							n.d.a.
Toxicity to algae							n.d.a.
Persistence and degradability							With water at the interface, transforms slowly with formation of CO ₂ into a firm, insoluble reaction product with a high melting point (polycarbamide). According to experience available to date, polycarbamide is inert and non-degradable
Bioaccumulative potential							n.d.a.
Mobility in soil							n.d.a.
Results of PBT- and vPvB-assessment							n.d.a.
Other adverse effects							n.d.a.

Diphenylmethanediisocyanate, isomeres und homologues							
Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity, fish	LC0	96h	>1000	mg/l	Brachydaniorerio	OECD 203 (Fish, Acute Toxicity Test)	
Toxicity to daphnia	EC50	24h	>1000	mg/l	Daphnia magna	OECD 202 (Daphnia sp. Acute Immobilisation Test)	
Persistence and degradability		28d	0	%		OECD 302 C (Inherent Biodegradability – Modified MITI Test (II))	Not biodegradable
Results of PBT- and vPvB-assessment							No PBT-substance
Toxicity to bacteria	EC50	3h	>100	mg/l	activated sludge	OECD 209 (Activated Sludge, Respiration Inhibition Test (Carbon and Ammonium Oxidation))	
Water solubility							Insoluble 15 °C

Propylene carbonate							
Toxicity/effect	Endpoint	Time	Value	Unit	Orga-nism	Test method	Notes
Toxicity, fish	LC50	96h	>1000	mg/l	Cyprinus caprio	92/96/EC	
Toxicity to daphnia	EC50	48h	>1000	mg/l	Daphnia magna	OECD 202 (Daphnia sp. Acute Immobilisation Test)	
Toxicity to algae	EC50	72h	>900	mg/l	Desmodesmus subspicatus	OECD 201 (Alga, Growth Inhibition Test)	
Persistence and degradability		28d	94	%		OECD 301 A (Ready Biodegradability – DOC Die-Away Test)	
Bioaccumulative potential	Log Pow		-0,48				Bioaccumulation is unlikely (LogPow<1), calculated value
Results of PBT- and vPvB-assessment							No PBT-substance No vPvB-substance
Toxicity to bacteria	EC50	16h	25619	mg/l	Pseudomonas putida	DIN 38412 T.8	
Other information	AOX		0	%			Does not contain any organically bound halogens which contribute to the AOX value in waste water
Water solubility			180-240	mg/l			20 °C

13 Disposal considerations

13.1 Waste treatment methods

For the substance/mixture/residual amounts

EC disposal code no:

The waste codes are recommendations based on the scheduled use of this product.

Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances (2001/118/EC, 2001/119/EC, 2001/573/EC)

08 04 09 waste adhesives and sealants containing organic solvents or other dangerous substances

08 05 01 waste isocyanates

Recommendation:

Pay attention to local and national official regulations

E.g. suitable incineration plant

Hardened product:

E.g. dispose at suitable refuse site

For contaminated packing material

Pay attention to local and national official regulations

Empty container completely

Uncontaminated packaging can be recycled

Dispose of packaging that cannot be cleaned in the same manner as the substance

15 01 10 packaging containing residues of or contaminated by dangerous substances

14 Transport Information

General statements

UN number: n.a.

Transport by road/by rail (ADR/RID)

UN proper shipping name

Transport hazard class(es): n.a.

Packing group: n.a.

Classification group: n.a.

LQ (ADR 2013): n.a.

LQ (ADR 2009): n.a.

Environmental hazards: Not applicable

Tunnel restriction code:

Transport by sea (IMDG-code)

UN proper shipping name:

Transport hazard class(es): n.a.

Packing group: n.a.

Marine pollutant: n.a.

Environmental hazards: Not applicable

Transport by air (IATA)

UN proper shipping name:

Transport hazard class(es): n.a.

Packing group: n.a.

Environmental hazards: Not applicable

Special precautions for user

Unless specified otherwise, general measures for safe transport must be followed.

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

Non-dangerous material according to Transport Regulations

15 Regulatory information

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

For classification and labelling see Section 2.

Observe restrictions: Yes

Comply with trade association/occupational health regulations.

Observe youth employment law (German regulation).

Observe law on protection of expectant mothers (German regulation).

Regulation (EC) No. 1907/2008, Annex XVII

Diphenylethanediiisocyanate, isomeres and homologues

VOC (1999/13/EC): 0 g/l

15.2 Chemical Safety Assessment:

A chemical safety assessment is not provided for mixtures

16 Other information

These details refer to the product as it is delivered

Classification and processes used to derive the classification of the mixture in accordance with the ordinance (EG) 1272/2008 (CLP)

Classification in accordance with regulation (EG) No. 1272/2008 (CLP)	Evaluation method used
Eye Irrit. 2, H319	Classification according to calculation procedure
STOT SE 3, H335	Classification according to calculation procedure
Skin Irrit. 2, H315	Classification according to calculation procedure
Resp. Sens. 1, H334	Classification according to calculation procedure
Skin Sens. 1, H317	Classification according to calculation procedure
STOT RE 2, H373	Classification according to calculation procedure
Carc. 2, H351	Classification according to calculation procedure

The following phrases represent the posted H phrases, Hazard Class and Risk Category Code (GHS/CLP) of the product and the constituents (specified in Section 2 and 3)

H315-Causes skin irritation
H317-May cause an allergic skin reaction
H319-Causes serious eye irritation
H332-Harmful if inhaled
H334-May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335-May cause respiratory irritation
H373-May cause damage to organs through prolonged or repeated exposure
H351-Suspected of causing cancer.

Eye Irrit – Eye irritation
STOT SE – Specific target organ toxicity – single exposure – respiratory tract irritation
Skin Irrit – Skin irritation
Resp. Sense – Respiratory sensitization
Skin Sense – Skin sensitization
STOT RE – Specific target organ toxicity – repeated exposure
Carc. – Carcinogenicity
Acute Tox. – Acute toxicity - inhalation

Indication of changes MSDS according to regulation (EC) 1207/2008 [CLP].

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.