

**Safety data sheet  
according to UK REACH**

Printing date 21.01.2026

Version number 1

Revision: 21.01.2026

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

- **1.1 Product identifier**
- **Trade name** *Supraflex SFR 89 Rapid*
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** *Tile adhesive*
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
MUREXIN GmbH  
Franz v. Furtenbachstr. 1  
A-2700 Wiener Neustadt  
Tel.: +43 (0)2622/27401
- **Informing department:** *chemikalieninfo@murexin.com*
- **1.4 Emergency telephone number:**  
UK National poisons Emergency number.: +44 (0) 870 600 6266

**SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
The product is not classified, according to the GB CLP regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** *Void*
- **Hazard pictograms** *Void*
- **Signal word** *Void*
- **Hazard statements** *Void*
- **Additional information:**  
Contains microplastics. Observe the instructions for use and disposal to prevent release into the environment. Allow construction products to fully cure before recycling or disposal. Cleaning water should be reused or properly disposed of – avoid any discharge into the environment!
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable

**SECTION 3: Composition/information on ingredients**

- **3.2 Mixtures**
- **Description:** Mixture consisting of the following components with harmless additives.

**Dangerous components:**

CAS: 1317-65-3 EINECS: 215-279-6	Calcium carbonate substance with a Community workplace exposure limit	5-10%
CAS: 554-13-2 EINECS: 209-062-5 Reg.nr.: 01-2119516034-53	<i>lithium carbonate</i> ⚠ Acute Tox. 4, H302; Eye Irrit. 2, H319	<0.5%

**SECTION 4: First aid measures**

- **4.1 Description of first aid measures**
- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact**  
Instantly wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.

(Contd. on page 2)

GB

**Safety data sheet  
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Version number 1

Revision: 21.01.2026

**Trade name Supraflex SFR 89 Rapid**

(Contd. of page 1)

- **After eye contact**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- **After swallowing**  
Rinse out mouth and then drink plenty of water.  
In case of persistent symptoms consult doctor.
- **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.

**SECTION 5: Firefighting measures**

- **5.1 Extinguishing media**
- **Suitable extinguishing agents** Use fire fighting measures that suit the environment.
- **5.2 Special hazards arising from the substance or mixture**  
No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

**SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Wear protective clothing.
- **6.2 Environmental precautions:** Do not allow product to reach sewage system or water bodies.
- **6.3 Methods and material for containment and cleaning up:** Collect mechanically.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling  
See Section 8 for information on personal protection equipment.  
See Section 13 for information on disposal.

**SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling** Prevent formation of dust.
- **Information about protection against explosions and fires:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** Store only in the original container.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:**  
Keep container tightly sealed.  
Store under dry conditions.
- **Storage class 13**
- **7.3 Specific end use(s)** No further relevant information available.

**SECTION 8: Exposure controls/personal protection**

· **8.1 Control parameters**

· **Components with critical values that require monitoring at the workplace:**

**1317-65-3 Calcium carbonate**

WEL	Long-term value: 10* 4** mg/m <sup>3</sup>
	*inhalable dust; **respirable

· **Additional information:** The lists that were valid during the compilation were used as basis.

(Contd. on page 3)

GB

**Safety data sheet  
according to UK REACH**

Printing date 21.01.2026

Version number 1

Revision: 21.01.2026

**Trade name Supraflex SFR 89 Rapid**

(Contd. of page 2)

**· 8.2 Exposure controls**

- **Appropriate engineering controls** No further data; see section 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures**

The usual precautionary measures should be adhered to in handling the chemicals.  
Keep away from foodstuffs, beverages and food.  
Instantly remove any soiled and impregnated garments.  
Wash hands during breaks and at the end of the work.
- **Breathing equipment:** Filter P2.
- **Hand protection** Protective gloves.
- **Material of gloves**

Use gloves of stable material (e.g. Nitrile) - if necessary tricoteted to improve the wearability.
- **Penetration time of glove material**

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye/face protection** Safety glasses
- **Body protection:** Protective work clothing.

**SECTION 9: Physical and chemical properties**

**· 9.1 Information on basic physical and chemical properties**

· <b>General Information</b>	
· <b>Physical state</b>	Solid.
· <b>Colour:</b>	White
· <b>Smell:</b>	Characteristic
· <b>Odour threshold:</b>	Not determined
· <b>Melting point/freezing point:</b>	Not determined
· <b>Boiling point or initial boiling point and boiling range</b>	2,230 °C (14808-60-7 Quartz (SiO <sub>2</sub> ))
· <b>Flammability</b>	Not determined
· <b>Flash point:</b>	Not applicable
· <b>pH</b>	Alkaline
· <b>Solubility</b>	
· <b>Water:</b>	Partly miscible
· <b>Partition coefficient n-octanol/water (log value)</b>	Not determined
· <b>Steam pressure at 1732 °C:</b>	13.5 hPa (14808-60-7 Quartz (SiO <sub>2</sub> ))
· <b>Density and/or relative density</b>	
· <b>Density</b>	Not determined
· <b>Settled apparent density</b>	1,000-1,300 kg/m <sup>3</sup>
· <b>Vapour density</b>	Not applicable

**· 9.2 Other information**

· <b>Appearance:</b>	
· <b>Form:</b>	Powder
· <b>Important information on protection of health and environment, and on safety.</b>	
· <b>Self-inflammability:</b>	Product is not selfigniting.
· <b>Explosive properties:</b>	Product is not explosive.
· <b>Change in condition</b>	
· <b>Evaporation rate</b>	Not applicable.

**· Information with regard to physical hazard classes**

· <b>Explosives</b>	Void
· <b>Flammable gases</b>	Void

(Contd. on page 4)

GB

**Safety data sheet  
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Printing date 21.01.2026

Version number 1

Revision: 21.01.2026

**Trade name Supraflex SFR 89 Rapid**

(Contd. of page 3)

· <b>Aerosols</b>	Void
· <b>Oxidising gases</b>	Void
· <b>Gases under pressure</b>	Void
· <b>Flammable liquids</b>	Void
· <b>Flammable solids</b>	Void
· <b>Self-reactive substances and mixtures</b>	Void
· <b>Pyrophoric liquids</b>	Void
· <b>Pyrophoric solids</b>	Void
· <b>Self-heating substances and mixtures</b>	Void
· <b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
· <b>Oxidising liquids</b>	Void
· <b>Oxidising solids</b>	Void
· <b>Organic peroxides</b>	Void
· <b>Corrosive to metals</b>	Void
· <b>Desensitised explosives</b>	Void

## SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Conditions to be avoided:** No decomposition if used according to specifications.
- **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:** None

## SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values that are relevant for classification:**

### 1317-65-3 Calcium carbonate

Oral	LD50	>5,000 mg/kg (rat)
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### 554-13-2 lithium carbonate

Oral	LD50	525 mg/kg (rat)
Dermal	LD50	>3,000 mg/kg (rabbit)
Inhalative	LC50/4 h	>2 mg/l (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.
- **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.

- **Additional toxicological information:**

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

(Contd. on page 5)

GB

**Safety data sheet  
according to UK REACH**

Printing date 21.01.2026

Version number 1

Revision: 21.01.2026

**Trade name Supraflex SFR 89 Rapid**

**· 11.2 Information on other hazards**

(Contd. of page 4)

**· Endocrine disrupting properties**

554-13-2 lithium carbonate

List III

**SECTION 12: Ecological information**

**· 12.1 Toxicity**

**· Aquatic toxicity:**

**1317-65-3 Calcium carbonate**

EC 50/48h &gt;1,000 mg/l (G)

EC 50 289 mg/l (*Desmodesmus subspicatus*)LC50 >10,000 mg/l (*Oncorhynchus mykiss (Regenbogenforelle)*)

**554-13-2 lithium carbonate**

EC 50/48h 33.2 mg/l (G)

EC 50 >400 mg/l (*Desmodesmus subspicatus*)LC50 30.3 mg/l (*Oncorhynchus mykiss (Regenbogenforelle)*)

**· 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.

**· 12.5 Results of PBT and vPvB assessment**

**PBT:** Not applicable

**vPvB:** Not applicable

**· 12.6 Endocrine disrupting properties**

For information on endocrine disrupting properties see section 11.

**· 12.7 Other adverse effects**

**· Additional ecological information:**

**· General notes:**

Water hazard class (Germany) 1 (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

**SECTION 13: Disposal considerations**

**· 13.1 Waste treatment methods**

**· Recommendation**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**· Waste disposal key number:**

31409

Bauschutt (keine Baustellenabfälle)

**· Uncleaned packagings:**

**· Recommendation:** Disposal must be made according to official regulations.

**· Recommended cleaning agent:** Water, if necessary with cleaning agent.

**SECTION 14: Transport information**

**· 14.1 UN number or ID number**

**· ADR, IMDG, IATA**

Void

**· 14.2 UN proper shipping name**

**· ADR, IMDG, IATA**

Void

(Contd. on page 6)

GB

**Safety data sheet  
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Version number 1

Revision: 21.01.2026

**Trade name Supraflex SFR 89 Rapid**

(Contd. of page 5)

· <b>14.3 Transport hazard class(es)</b>	
· <b>ADR, ADN, IMDG, IATA</b>	
· <b>Class</b>	Void
· <b>14.4 Packing group</b>	
· <b>ADR, IMDG, IATA</b>	Void
· <b>14.5 Environmental hazards:</b>	
· <b>Marine pollutant:</b>	No
· <b>14.6 Special precautions for user</b>	Not applicable
· <b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable
· <b>UN "Model Regulation":</b>	Void

**SECTION 15: Regulatory information**

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Poisons Act**
- **Regulated explosives precursors**
- None of the ingredients is listed.
- **Regulated poisons**
- None of the ingredients is listed.
- **Reportable explosives precursors**
- None of the ingredients is listed.
- **Reportable poisons**
- None of the ingredients is listed.
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

- **Relevant phrases**  
H302 Harmful if swallowed.  
H319 Causes serious eye irritation.
- **Contact:** chemikalieninfo@murexin.com (+43 02622/27401)
- **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)  
ICAO: International Civil Aviation Organisation  
ADR: Accord relatif au transport international 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  
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)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent

(Contd. on page 7)

GB

**Safety data sheet  
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(Contd. of page 6)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity – Category 4

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

• \* Data compared to the previous version altered.

GB