

**Safety data sheet**  
**FIRESAFE EX (heat expanding sealant)**

Version 1.0  
Effective date: 11-12-2022



## SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY / UNDERTAKING

### 1.1 Product identifier.

**Trade name:** FIRESAFE EX (heat expanding sealant).

### 1.2 Relevant identified uses of the substance or mixture and uses advised against:

**Product use:** Fire-proof penetration sealant in masonry/cast or plasterboard constructions together with a backing of mineral wool/stone wool and with joint sealing of joints and cracks.

### 1.3 Details of the Supplier of the safety data sheet:

**Company:** Firesafe AS  
Robsrudskogen 15  
1470 Lørenskog,  
Norge  
Phone: +47 09110

**Contact:** firmapost@firesafe.no

### 1.4 Emergency telephone number:

| Country        | Organisation/Company  | Address   | Emergency number  |
|----------------|---|---|---|
| United Kingdom | National Poisons Information Service (Newcastle Unit)         | Claremont Place<br>Newcastle-upon-Tyne, Newcastle | +44 191 2606182 /<br>+44 191 2606180 (24H)                  |
| Norway         | Giftinformasjonen<br>Directorate of Health and Social Affairs | P.O. Box 7000,<br>St. Olavs Plass<br>0130 Oslo    | +47 22 59 13 00 (24H )<br>Open everyday,<br>24 hours a day. |
| Other country  | Use your national or local emergency number.                  |   |   |

## SECTION 2. HAZARDS IDENTIFICATION

**2.1 Classification of the substance or mixture according to CLP No 1272/2008/GB CLP.**  
Not classified.

**2.2 Label elements CLP No 1272/2008/GB CLP:**

Not classified.

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### Additional labelling:

EUH210 Safety data sheet available on request.

EUH208 Contains Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

### 2.3 Other hazards.

Contains no PBT or vPvB substances according to REACH No 1907/2006.

This mixture does not contain substances with endocrine disrupting properties in accordance with the criteria laid down in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substance:

The product is a mixture.

### 3.2 Mixture:

| CAS/EC-no:        | REACH-no:    | Name  | Content % | Classification   |
|-------------------|--------------|---|-----------|--|
| 55965-84-9 /<br>- | Not relevant | Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1) | <0.0015   | Acute Tox. 3; H301, Acute Tox. 2; H310+H330, Skin Corr. 1C; H314, Skin Sens. 1A; H317, Eye Dam. 1; H318, Aquatic Acute 1; H400 (M=100), Aquatic Chronic 1; H410 (M=100). |

\*Specific concentration limits – CAS 55965-84-9 Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1):

Eye Dam. 1; H318:  $C \geq 0,6 \%$

Eye Irrit. 2; H319:  $0,06 \% \leq C < 0,6 \%$

Skin Corr. 1C; H314:  $C \geq 0,6 \%$

Skin Irrit. 2; H315:  $0,06 \% \leq C < 0,6 \%$

Skin Sens. 1A; H317:  $C \geq 0,0015 \%$

See full text of H-phrases in Section 16.

## SECTION 4. FIRST AID MEASURES

### 4.1 Description of first aid measures:

#### General information:

In the case of symptoms or doubt: Contact a doctor or casualty department.

#### Inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, consult doctor.

#### Skin contact:

Wash with soap and water. Take off immediately all contaminated clothing. If skin irritation or a rash occurs: Get medical advice/attention.

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**Eye contact:** Remove contact lenses. Rinse eyes for several minutes with plenty of lukewarm water until the irritation stops. Make sure to flush under the upper and lower eyelids. Seek medical attention if irritation persists.

**Ingestion:** Rinse mouth with water and spit out.  
Do not induce vomiting, seek medical advice.

#### 4.2 Most important symptoms and effects, both acute and delayed:

None known.

#### 4.3 Indication of any immediate medical attention and special treatment needed:

Treat symptomatically.

## SECTION 5. FIRE FIGHTING MEASURES

**5.1 Extinguishing media:** Select the appropriate fire extinguisher for the surrounding environment.

**Unsuitable extinguishing media:**  
None known.

#### 5.2 Special hazards arising from the substance or mixture:

None known.

**5.3 Advice for firefighters:** Wear self-contained breathing apparatus and protective clothing to prevent contact.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

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

Wear appropriate personal protective equipment as specified in section 8.  
Avoid contact with skin and eyes.

#### 6.2 Environmental precautions:

Do not discharge into the drains/surface waters/groundwater.

#### 6.3 Methods and material for containment and cleaning up:

Small spills: wipe up with absorbent material (e.g. cloth, fleece).  
Large spills: use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in suitable closed container for disposal, according to local regulations. Then rinse the spillage site with plenty of water. Dispose of in accordance with section 13.

#### 6.4 Reference to other sections:

See section 7 for safe handling.  
See section 8 for personal protection.  
See section 13 for disposal.

## SECTION 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling:

See Section 8 for personal protection. Used in well-ventilated area. Avoid contact with skin and eyes.  
Avoid all unnecessary deacidification.  
Do not eat, drink or smoke when using the product.  
Always wash hands after handling.  
Handling temperature  $\geq 5^{\circ}\text{C}$ .

### 7.2 Conditions for safe storage, including any incompatibilities:

Avoid heat and direct sunlight. Protect against frost.

### 7.3 Specific end use(s):

This product should only be used for applications described in Section 1.2.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### Occupational exposure limits WEL (Great Britain):

Contains no substances with occupational exposure limit values.

#### DNEL / PNEC:

-

### 8.2 Exposure controls.

#### Appropriate technical measures:

Ensure good ventilation at the workplace.

#### General information / Hygiene measures:

Smoking, consumption of food or liquid, and storage of tobacco, food or liquid, are not allowed in the workroom. Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed.

#### Personal protective equipment:

Only CE-marked personal protection equipment should be used.



#### Respiratory protection:

Normally not required.

#### Hand protection:

Wear protective gloves.  
Option: Nitrile.  $\geq 60$  min. EN 374.

#### Eye protection:

Use tight-fitting safety goggles if risk of eye contact. EN 166

#### Body protection:

Normal work clothing.

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### Measures to avoid environmental exposure:

No special precautions are necessary.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties:

|  |                         |
|--|-------------------------|
| Physical state:                        | Viscous paste           |
| Colour:                                | Gray                    |
| Odour:                                 | Characteristic          |
| Melting point/freezing point:          | Not relevant/no data    |
| Boiling point:                         | ~+100°C                 |
| Flammability:                          | Not relevant/no data    |
| Lower and upper explosion limit:       | Not relevant/no data    |
| Flash point:                           | Not relevant/no data    |
| Auto-ignition temperature:             | Not relevant/no data    |
| Decomposition temperature:             | Not relevant/no data    |
| pH:                                    | Not relevant/no data    |
| Viscosity:                             | Not relevant/no data    |
| Solubility:                            | Insoluble in water      |
| Partition coefficient n-octanol/water: | Not relevant/no data    |
| Vapour pressure:                       | 23 hPa - +20°C          |
| Density and/or relative density:       | ~1.60 g/cm <sup>3</sup> |
| Relative vapour density:               | Not relevant/no data    |
| Particle characteristics:              | Not relevant/no data    |

### 9.2 Other information:

VOC: <10 g/L.

## SECTION 10. STABILITY AND REACTIVITY

**10.1 Reactivity:** No dangerous reaction known under conditions of normal use and storage.

**10.2 Chemical stability:** Stable under recommended conditions.

**10.3 Possibility of hazardous reactions:**  
No dangerous reactions to be expected if used properly.

**10.4 Conditions to avoid:** Frost.

**10.5 Incompatible materials:** None known.

**10.6 Hazardous decomposition products:**  
None at recommended storage conditions and use.

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008/GB CLP.

**Acute toxicity:** Not classified.

**Skin corrosion/irritation:** Not classified.

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**Serious eye damage/irritation:** Not classified.

**Respiratory or skin sensitisation:** Not classified.

**Germ cell mutagenicity:** Not classified .

**Carcinogenicity:** Not classified.

**Reproductive toxicity:** Not classified.

**Specific target organ toxicity - single exposure:** Not classified.

**Specific target organ toxicity – repeated exposure:** Not classified.

**Aspiration hazard:** Not classified.

### 11.2 Information on other hazards:

**Endocrine disrupting properties:** The product/substance has no endocrine disrupting properties.

**Additional Information:** None specific.

## SECTION 12. ECOLOGICAL INFORMATION

**12.1 Toxicity:** The product is not classified as harmful to the environment.

**12.2 Persistence and degradability:** No data available.

**12.3 Bioaccumulative potential:** No data available.

**12.4 Mobility in soil:** No data available.

**12.5 Result of PBT and vPvB assesment:** Not classified as PBT/vPvB by current EU criteria.

**12.6 Endocrine disrupting properties:** The product/substance has no endocrine disrupting properties.

**12.7 Other adverse effects:** None known.

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## SECTION 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods:

Dispose of waste and residues in accordance with local authority requirements. The coding of a waste stream is based on the application of the product by the consumer.

Option:

**EWC-code:** 08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09.

**Contaminated packing:** Well emptied cans/containers should be disposed according to packaging materials, if not, like the product.

## SECTION 14. TRANSPORT INFORMATION

This product is not classified as dangerous of transport.

|  | <b>ADR/RID</b> | <b>IMDG/IMO</b> |
|--|----------------|-----------------|
| <b>14.1 UN number or ID number</b>     | Not relevant   | Not relevant    |
| <b>14.2 UN proper shipping name</b>    | Not relevant   | Not relevant    |
| <b>14.3 Transport hazard class(es)</b> | Not relevant   | Not relevant    |
| <b>14.4 Packing group</b>              | Not relevant   | Not relevant    |
| <b>14.5 Environmental hazards - MP</b> | No             | No              |
| <b>Other informations</b>              | Not relevant   | Not relevant    |

### 14.6 Special precautions for user:

Not relevant.

### 14.7 Maritime transport in bulk according to IMO instruments:

Not relevant.

## SECTION 15. REGULATORY INFORMATION

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

#### Sources:

Chemicals (Hazard Information and Packaging for Supply) Regulations 2009. Control of Substances Hazardous to Health Regulations 2002 (as amended). Merchant Shipping (Dangerous Goods and Marine Pollutants) Regulations 1997. Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 2013. Regulation (EU) 2016/425 of 9 March 2016 on personal protective equipment. Hazardous Waste

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(England and Wales) Regulations 2005 (as amended). EC regulation 1907/2006 (REACH) Directive 2000/532/EC. Seveso directive: 96/82/EC. EC regulation No 2020/878. CLP regulation No 1272/2008. REACH regulation 1907/2006. GB CLP.

**Additional information:** VOC: <10 g/L.

### 15.2 Chemical safety assessment:

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## SECTION 16. OTHER INFORMATION

### Full text of H-phrases as mentioned in section 3:

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H410 Very toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

### Additional information:

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

### Revised 11-12-2022 section:

1 – 16.

### Validated by:

SRS

[www.msds-eu.com](http://www.msds-eu.com)