

## Safety information

### FIRESAFE WRAP LX

Version 2.0

Effective date: 31-10-2017

Revised date: 11-12-2022

# FIRESAFE



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

### 1.1 Product identifier.

**Trade name:** FIRESAFE WRAP LX.  
(Marketed by GLAVA AS under the trade name GLAVA Brannpakning på rull. Marketed by Saint-Gobain ISOVER under the name ISOVER Fire Sealing Strip.)

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

**Product use:** Fire protection seal of combustle and non-combustible pipe penetrations.

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

**Company:** Firesafe AS  
Robsrudskogen 15  
1470 Lørenskog,  
Norway  
Phone: +47 09110  
firmapost@firesafe.no  
www.firesafe.no

### 1.4 Emergency telephone number:

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

## SECTION 2. HAZARDS IDENTIFICATION

### 2.1 Classification according to CLP No 1272/2008/GB CLP.

Not classified. According to REACH Reg. (EC) No. 1907/2006 the product is declared as an article and is not subject to the provisions of classification according to CLP Regulation (EC) No. 1272/2008.

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#### 2.2 Label Elements CLP No 1272/2008/GB CLP.

Not classified.

#### Additional information:

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#### 2.3 Other hazards.

None known

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substance:

The product is a mixture.

#### 3.2 Mixture – the product is an article:

Swelling fire protection seal based on graphite that expands in case of fire.

## SECTION 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures.

##### General information:

In any cases of doubt or symptoms seek medical advice.

##### Inhalation:

Normally no hazards.

In case of dust formation and inhalation of dust: Provide fresh air. Consult a physician if symptoms occur.

##### Skin contact:

After contact with skin, wash with plenty of water and soap.

##### Eye contact:

Do not rub your eyes.

In case of contact with eyes flush immediately with plenty of flowing water. Obtain medical attention if discomfort persists.

##### Ingestion:

Avoid vomiting. Drink plenty of water. Call a physician if discomfort persists.

#### 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:

CO<sub>2</sub>, dry powder, water spray.

#### Unsuitable extinguishing media:

None known.

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

Hazardous decomposition products in case of fire: Carbon oxides (CO, CO<sub>2</sub>), phosphorus oxides, Nitrogen oxides (NO<sub>x</sub>).

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**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:

No special measures required.

In case of dust formation: Avoid inhalation of dust. Avoid contact with skin and eyes. Dampen any dust or use a vacuum cleaner with the correct filter.

### 6.2 Environmental precautions:

Do not allow to enter dust into surface water or drains.

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

Pick up the product. Reuse if possible.

Dust must be swept/collected into suitable containers. Rinse the spill area with water mist.

### 6.4 Reference to other sections:

See protective measures under section 8 and disposal under section 13.

## SECTION 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling:

Use protective equipment, see section 8.

Avoid inhalation of dust and contact with skin and eyes.

Avoid dust formation.

Handled in accordance with good occupational hygiene and safety regulations.

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

Store in a dry, cool and well ventilated place. Protect against frost. Keep out of reach of children. Keep away from food, drink and animal feed.

### 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.

If used as prescribed formation of dust is unlikely. However during dust formation occupational exposure limits are to be observed.

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

CAS-no:	Name:	Limits:
-	Dust Inhalable dust	Long-term value (TWA): 10 mg/m <sup>3</sup> Long-term value (TWA): 4 mg/m <sup>3</sup>

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### DNEL / PNEC:

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### 8.2 Exposure controls.

#### Appropriate technical measures:

Normal ventilation.

In case of dust formation: Airborne concentrations must be kept as low as possible and below the applicable limit values

#### General information / Hygiene measures:

Dust: Avoid contact with skin and eyes.

#### Personal protective equipment:

Only CE-marked personal protection equipment should be used.

#### Respiratory protection:

In normal cases not necessary.

If occupational workplace limits are exceeded wear respiratory protection, filter P2/P3 depending on exposure.

#### Hand protection:

Work gloves.

#### Eye protection:

In normal cases not necessary.

During formation of dust use safety goggles. EN 166.

#### Body protection:

Normal work clothing.

#### Environment exposure control measures:

Do not allow dust to enter into surface water or drains.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Physical state:	Solid
Colour:	Grey
Odour:	No odour
Melting point/freezing point:	~95°C
Boiling point:	Not relevant/no data
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
Kinematic viscosity:	Not relevant/no data
Solubility:	Insoluble in water
Partition coefficient n-octanol/water:	Not relevant/no data
Vapour pressure:	Not relevant/no data
Density and/or relative density:	~1.2 g/cm <sup>3</sup>
Relative vapour density:	Not relevant/no data
Particle characteristics:	Not relevant/no data

### 9.2 Other information:

The product itself is not explosive: During formation of dust, danger of dust explosion.

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## SECTION 10. STABILITY AND REACTIVITY

- 10.1 Reactivity:** No hazardous reactions known if used as prescribed.
- 10.2 Chemical stability:** Stable under normal conditions.  
Material foams up at approx. 190°C.
- 10.3 Possibility of hazardous reactions:** None known if used and storage as recommended.
- 10.4 Conditions to avoid:** Avoid high temperatures and generation of dust.
- 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.
- 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:**

No data.

**Additional Information:**

Dust from the product can cause irritation of the skin, respiratory tract and eyes.

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## SECTION 12. ECOLOGICAL INFORMATION

- 12.1 Toxicity:** Not classified.
- 12.2 Persistence and degradability:** No data.
- 12.3 Bioaccumulative potential:** No data.
- 12.4 Mobility in soil:** No data.
- 12.5 Result of PBT and vPvB assesment:** The product does not meet the criteria for PBT or vPvB.
- 12.6 Endocrine disrupting properties:** No data.
- 12.7 Other adverse effects:** No data.

## SECTION 13. DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods:** Dispose of waste and residues in accordance with local authority requirements. If this product becomes a waste, the final user must define and assign the appropriate European Waste Catalogue code. Do not allow to enter drains, sewers or water courses.  
Option:
- EWC-code:** 07 02 13 waste plastic.  
17 02 03 plastic.
- Contaminated packing:** Recommendation: After complete emptying send to an authorized contractor to be reconditioned or recycled or disposed.

## SECTION 14. TRANSPORT INFORMATION

This product is not classified as dangerous of transport.

	ADR/RID	IMDG/IMO
<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

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<b>14.5 Environmental hazards - MP</b>	Not relevant	Not relevant
<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 (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:** Contains no SVHC-substances.

### 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:

Not relevant.

#### 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)