

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 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 combustile 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 1272/2008 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.

2.2 Label Elements 1272/2008 CLP:

Not classified.

Safety data sheet FIRESAFE WRAP LX

Version 1.0

Effective date: 31-10-2017

FIRESAFE /

Additional information:

We recommend to follow the safety instructions:

Keep away from children.

Avoid contact with food and animal feeding stuffs.

2.3 Other hazards

Dust may cause irritation of eyes and respiratory tract by mechanical friction.

Occupational exposure limits are to be observed.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance: -

3.2 Mixture:

FIRESAFE WRAP LX are graphite based intumescent (foaming effect during a fire) fire protection seals. According to REACH Reg. (EC) No. 1907/2006 the product is declared as an article.

The articles do not contain any substances in concentrations of ≥ 0.1 % listed on the candidate list of substances of very high concern (SVHC) (last update: 16th December 2013).
Free of organic solvents and halogens.

3.3 Additional information:

-

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

Under normal handling conditions the product presents no significant health hazards. In any cases of doubt seek medical advice.

General information:

Under normal handling conditions the product presents no significant health hazards. In any cases of doubt seek medical advice.

Inhalation:

In case of inhalation of dust:
Provide fresh air. Consult a physician if symptoms occur.
If unconscious place and transport in recovery position.

Skin contact:

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

Eye contact:

Small particles can cause irritation by mechanical friction.
In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Obtain medical attention if discomfort persists.

Ingestion:

Rinse mouth thoroughly with cold water. Avoid vomiting. Give plenty of water. Call a physician if discomfort persists.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5. FIRE FIGHTING MEASURES

5.1 Extinguishing media: CO₂, Dry powder, water spray.
Fight larger fires with water jet or alcohol-resistant foam.

Unsuitable extinguishing media:
None known.

5.2 Special hazards arising from the substance or mixture
Fire may cause evolution of CO_x, Pox.
Material foams up at approx. 190°C.

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.

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:
Treat the recovered material as prescribed in the section on waste disposal (Section 13).

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:
Observe protective measures and safety instructions.
Avoid generation of dust.

7.2 Conditions for safe storage, including any incompatibilities:
Store in a cool, dry and well-ventilated area.
Protect from frost and heat.
Keep away from food and animal feeding stuffs.
Keep away from children.
Observe official regulations.

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.

Safety data sheet FIRESAFE WRAP LX

Version 1.0

Effective date: 31-10-2017

FIRESAFE /

Occupational exposure limits WEL (Great Britain):

CAS-no:	Name:	Limits:
-	Dust Inhalable dust	10 mg/m ³ 4 mg/m ³

DNEL / PNEC:

-

8.2 Exposure controls

Appropriate technical measures:

Normal ventilation.

General information / Hygiene measures:

Keep away of foods and drinks. When using do not eat, drink, smoke, sneeze. Wash hands after working with product. Do avoid contact with skin and eyes. Avoid breathing dust. Change contaminated clothing and wash before reuse.

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 P1/P2.

Hand protection:

Protective gloves are recommended.
The selection of suitable gloves depends not only on the material, but also on other quality characteristics. Breakthrough times and swelling properties of the material must be taken into consideration.

Eye protection:

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

Appearance: Solid, flexible – endless tape	Color: Dark grey	Odour: Mild/none	PH: -	Viscosity: -
Flash point: -	Boiling point: -	Vapour pressure: -	Density g/cm³: ~1.2	Pour point: -

Safety data sheet

FIRESAFE WRAP LX

Version 1.0

Effective date: 31-10-2017

FIRESAFE /

Solids content:

-

Auto-ignition:

-

Solubility:

Almost insoluble

Explosive properties:

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

9.2 Other information:

Reaction to fire: B2, normal combustible.

B2, normal combustible: ~190°C.

Thermal conductivity: 0.283 W/mK.

For further specifications, see technical data sheet.

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:

No data.

10.4 Conditions to avoid:

Avoid high temperatures and generation of dust.

10.5 Incompatible materials:

No data.

10.6 Hazardous decomposition products:

No further information available.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological effects**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.
None of the substances in this product are listed as carcinogens by the International Agency for Research on Cancer (IARC).

Reproductive toxicity:

Not classified.

**Specific target organ
toxicity - single exposure:**

Not classified.

Safety data sheet

FIRESAFE WRAP LX

Version 1.0

Effective date: 31-10-2017

FIRESAFE /

**Specific target organ
toxicity – repeated
exposure:**

Not classified.

Aspiration hazard:

Not classified.

Additional Information:

Eyes: not irritant - dust can cause irritation by mechanical friction.
Respiratory tract: inhalation of dust can cause irritation by mechanical friction.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity:

No ecotoxicity studies have been conducted on this product.
According to REACH Reg. (EC) No. 1907/2006 the product is declared as an article and is not subject to the provisions of classification and labeling.

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:

No data.

12.6 Other adverse effects:

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

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
17 02 03

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
14.1 UN number	-	-

**Safety data sheet
FIRESAFE WRAP LX**

Version 1.0

Effective date: 31-10-2017

FIRESAFE /

14.2 UN proper shipping name	-	-
14.3 Transport hazard class(es)	-	-
14.4 Packing group	-	-
14.5 Environmental hazards - MP	-	-
Other informations	-	-

14.6 Special precautions for user:
-**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:**
-**SECTION 15. REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:****Sources:**

Pressure Equipment (Amendment) Regulations 2011. 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 1995 (as amended). Personal Protective Equipment Regulations 2002. Personal Protective Equipment at Work Regulations 1992. Hazardous Waste (England and Wales) Regulations 2005(as amended). EC regulation 1907/2006 (REACH) Directive 2000/532/EC. 648/2004.

Additional information: -**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:**
-**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.

Validated by:SRS - www.msds-eu.com