

FirePro®

LUL Intumescent Sealant

Revision Date: 15/09/2023
Revision No: Version 2.0 September 2023 (GB)
Previous Version: Version 1.0 September 2018

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

1.1 Product identifier

Product Name

FirePro LUL Intumescent Sealant

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

Main use category

Designed to be applied onto fire rated mineral wool fibre strips and blocks

1.3 Details of the supplier of the safety data sheet

ROCKWOOL® Ltd, Pencoed, Bridgend, CF35 6NY
Tel: +44 (0) 1656 862621
Email of person responsible: sds@rockwool.com

1.4 Emergency telephone number

ROCKWOOL® Ltd Customer Support 9:00am-5:00pm
Tel: +44 (0) 1656 862621
Email: sds@rockwool.com
Call 999 for emergency
Call 111 for non-emergency medical advice

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567

This product is not classified as hazardous according to regulation (EC) 1272/2008 (CLP)

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567

Signal word

None

Hazard statement

EUH208: Contains 1,2-Benzisothiazol-3(2H)-one.
 May produce an allergic reaction

Section 3. Composition / information on ingredients

Ingredient	CAS No.	EC No.	REACH registration No.	Classification according to Regulation (EC) No. 1272/2008 [CLP]	% W/W
Dipropylene Glycol Dibenzoate	27138-31-4	248-258-5	01-2119529241-49-0002	H412, Aq Chron – 3	2-5%

Section 4. First-aid measures

4.1 Description of first aid measures

General	In all cases of doubt or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person
Skin contact	Wash skin thoroughly with soap and water or a recognised skin cleaner. DO NOT USE SOLVENT OR THINNERS
Eye contact	Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes holding eyelids apart, and seek medical advice
Ingestion	If accidentally swallowed wash mouth with water and give water to drink. DO NOT induce vomiting
Inhalation	Remove to fresh air

4.2 Most important symptoms and effects, both acute and delayed

Skin contact	No symptoms anticipated
Eye contact	There may be irritation or redness
Ingestion	No symptoms anticipated. If there is any persistence of discomfort seek medical advice
Inhalation	No symptoms

Section 5. Firefighting measures

The liquid product is 'non-flammable'

5.1 Extinguishing media

Recommended Alcohol resistant foam, CO₂, powder, water spray/mist

5.2 Special hazards arising from the substance or mixture

As the products contain combustible organic components, fire will produce hazardous products of combustion (see Section 10).
Exposure to decomposition products may be a hazard to health

5.3 Advice for fire-fighters

Appropriate self-contained breathing apparatus may be required.
Cool closed containers exposed to fire with water spray.
Do not allow run off from fire-fighting to enter drains or water courses

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Refer to Section 8 for details

6.2 Environmental precautions

Do not allow to enter drains or water courses. If the product enters drains or sewers, the local water company should be contacted immediately. In the case of contamination of streams, rivers or lakes, the relevant Environment Agency

6.3 Methods and material for containment and cleaning up

Contain and collect spillages with non-combustible absorbent materials e.g. sand, earth, vermiculite, diatomaceous earth, and place in a suitable container for disposal in accordance with the waste regulations (see Section 13)

Section 7. Handling and storage

7.1 Precautions for safe handling

Precautions for safe handling

Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited in areas of storage and use. For personal protection (see Section 8)

The Manual Handling Operations Regulations may apply to the handling of containers/packages of this product. In order to calculate the weight of any pack size, multiply the volume in litres by the specific gravity value given in Section 9. This will give the net weight of the product in kilograms

7.2 Conditions for safe storage, including any incompatibilities

Precautions for safe storage

Keep containers closed when not in use. Never use high pressure to empty. The container is not a pressure vessel. Ensure good housekeeping and regular safe removal of waste materials.

Observe label precautions – Store between 5°C and 25°C in a dry well-ventilated place away from sources of heat . Protect from frost. Keep out of reach of children. Store separately from oxidising agents and strongly alkaline and strongly acidic materials

Section 8. Exposure controls / personal protection

Engineering Measures

Provide adequate ventilation during application and drying. Where practicable this should be achieved by the use of local exhaust ventilation. If this is not sufficient to maintain concentration of solvent vapours below the relevant Occupational Exposure Limit, suitable respiratory protection must be worn (see 'Occupational Exposure Controls' below)

8.1 Occupational Exposure Limits

Substance	Occupational Exposure Limits	Notations
	8 hr LTEL (1) ppm mgm ⁻³ 15 min STEL (2) ppm mgm ⁻³	
(1)	Long-term exposure limit - 8 hour time weighted average	
(2)	Short-term exposure limit - 15 mins time weighted average	
(S)	Occupational Exposure Standard (OES)	
(M)	Maximum Exposure Limit (MEL)	
(R)	Recommended by suppliers	
(A)	Allocated limits by analogy with similar materials	
(SK)	Risk of absorption through unbroken skin	
(Sen)	Capable of causing sensitisation by inhalation	

8.3 Exposure controls

Personal Protective Equipment

All Personal Protective Equipment (PPE), including Respiratory Protective Equipment (RPE), used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH regulations

Respiratory protection

If exposure to hazardous substances identified in Section 8 cannot be controlled by the provision of natural ventilation e.g. work in enclosed areas, exposure should be controlled, where reasonably practicable, by the use of mechanical exhaust ventilation; when this is not reasonably practicable, suitable respiratory protective equipment must be worn

Hand protection

When skin exposure may occur, advice should be sought from glove suppliers on appropriate types and usage times for this product. The instructions and information provided by the glove supplier on use, storage, maintenance and replacement must be followed. Barrier creams may help to protect exposed areas of skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred

Eye protection

Eye protection designed to protect against liquid splashes should be worn

Skin protection

Cotton or cotton/synthetic overalls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a recognised skin cleaner. ALWAYS WASH YOUR HANDS BEFORE EATING, SMOKING OR USING THE TOILET

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Viscous paste
Flash point	>100°C
Viscosity	Not applicable
Specific gravity coating	1.40-1.45 @ 20°C
Solubility in water	Miscible when wet
pH	7.7-8.5
VOC	<1 g/ltr LEED(2009) VOC <1g/ltr

Section 10. Stability and reactivity

10.1	Reactivity	No data available
10.2	Chemical stability	Stable under normal temperature and storage conditions
10.3	Possibility of hazardous reactions	None known
10.4	Conditions to avoid	See Section 10.3
10.5	Incompatible materials	See Section 10.3
10.6	Hazardous decomposition products	Oxides of carbon released under high temperature (>300°C).

Section 11. Toxicological information

11.1	Information on toxicological effects	There is no evidence of toxicological effects of the product
	Ingestion	May cause discomfort if swallowed. May cause stomach pain
	Skin contact	May be irritating to skin
	Eye contact	Risk of irritation to eyes
	Sensitisation	Not sensitising
	STOT	Not classified

Section 12. Ecological information

12.1	Toxicity	Not regarded as dangerous for the environment. Not considered toxic to fish
12.2	Persistence and degradability	The product is not biodegradable
12.3	Bio-accumulative potential	The product is not bio accumulating
12.4	Mobility in soil	Not mobile
12.5	Results of PBT and vPvB assessment	Not classified as PBT/vPvB
12.6	Other adverse effects	None known

Section 13. Disposal considerations

Disposal considerations	Do not allow to enter drains or water courses. Wastes, including emptied containers, are controlled waste and should be disposed of in accordance with regulations made under the 'Control of Pollution Act' and the 'Environmental Protection Act'. Using information provided in this data sheet, advice should be obtained from the relevant Environment Agency whether the Special Waste Regulations apply
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Section 14. Transport information

Transport within the users premises	Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage
Onwards transport subsequent to purchase	Transport to be in accordance with ADR for road, IMDG for sea and ICAO/IATA for air
Proper shipping name	The product is not classified as dangerous for carriage
UN number	Not applicable
Hazard class	Not applicable
Packing group	Not applicable
Sub-hazard class	Not applicable

Section 15. Regulatory information

<p>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</p>	<p>Control of Substances Hazardous to Health Regulations 2002 Environment Act 1995 Management of Health and Safety at Work Regulations 1999 Personal Protective Equipment at Work Regulations 2002 Special Waste Regulations 1996 as amended</p> <p>HEALTH AND SAFETY EXECUTIVE GUIDANCE NOTES HS(G)37 An Introduction to Local Exhaust Ventilation EH40 Occupational Exposure Limits EH44 Dust: General Principles of Protection HS(G)53 The Selection, Use and Maintenance of Respiratory Protective Equipment HS(G)71 Storage of Packaged Dangerous Substances HS(G)193 COSHH Essentials: easy steps to control chemicals L23 Manual Handling Guidance on Regulations</p> <p>BRITISH STANDARDS PUBLICATIONS EN420: General Requirements for Gloves EN166: Personal Eye Protection: Specifications BS2092: Eye Protection for Industrial and Non-Industrial Users BS4275: Recommendations for the Selection, Use and Maintenance of Respiratory Protective Equipment</p>
<p>15.2 Chemical Safety Assessment</p>	<p>A chemical safety assessment has not been carried out for the substance by the supplier</p>

Important note:

- This GB SDS is one of three SDSs for the named product - separate SDSs are provided to meet the regulatory requirements specific to GB, NI and EU;
- The content of this SDS may differ from that of the other SDSs, due to the different regulatory frameworks applicable to GB, NI and EU; and
- The user should refer to the SDS appropriate to the territory they are operating in.

Section 16. Other information

Symbols and text of the H phrases in Section 2 and 3

H412 Harmful to aquatic life with long lasting effects

The information contained in the Health and Safety Data Sheet is provided in accordance with the requirements of EU Regulation 1272/2008 (CLP). The product should not be used for purposes other than those identified without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. This information contained in the safety data sheet is based on present knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular application

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