

Fire Stop Block

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

1.1. Product Name/Identifier

Fire barrier and acoustic product range, mineral wool-based products.

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

Fire barrier.

1.3. Details of the supplier of the safety data sheet

Premier Sealant Systems Ltd.
Mercia Way,
Foxhills Industrial Park,
Scunthorpe,
North Lincolnshire,
DN15 8RE
Tel. 01724 864 100

1.4. Emergency telephone number

NPIS (National Poisons Information Service): 0344 892 0111 (for medical professionals only). For medical advice, members of the public should contact NHS 111 in England: 111; NHS 24 in Scotland: 111; NHS Direct in Wales: 111 or 0845 4647. In Northern Ireland: contact your local GP or pharmacist. In Europe call 112.

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to UK CLP/GHS

May cause transient skin irritation. High dust levels may irritate the throat. Classified by IARC as category 2B (possibly carcinogenic to humans).

2.2. Label elements

Hazard pictograms

Not applicable.

Signal word

Not applicable.

Hazard statements

Not applicable.

Precautionary statements

Not applicable.

Supplemental label information

Not applicable.

2.3. Other hazards

Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable.

3.2. Mixtures

Inert vitreous silicate mineral wool bonded with a thermosetting phenolic resin which has been urea extended. Up to 0.5% of mineral oil.

4. FIRST AID MEASURES

4.1. Description of first aid measures**General information**

In all cases of doubt, or if symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation:

Move to fresh air, seek medical advice if symptoms persist.

Ingestion:

No known toxicity. Please consult a doctor and show him this SDS.

Skin contact:

If irritation occurs, wash off under running water prior to washing with soap and water.

Eye contact:

If irritation occurs wash eyes with water. If symptoms persist seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed**Skin contact:**

Might cause irritation.

Eye contact:

Might cause irritation or discomfort.

Ingestion:

No data available.

Inhalation:

Might cause irritation.

Notes for the doctor

Not applicable.

Specific treatments

Treat symptomatically.

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

Use extinguishing media appropriate the surrounding fire conditions. Use as appropriate: water spray, dry extinguishing media, foam and carbon dioxide.

Unsuitable extinguishing media

None known.

5.2. Special hazards arising from the substance or mixture

Specific hazards

None known.

Hazardous combustion products

Hazardous gasses that may be generated: Carbon dioxide, carbon monoxide, trace gases.

5.3. Advice for firefighters

No specific recommendations.

Special protective equipment for firefighters

Wear self-contained breathing apparatus. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

None known.

6.2. Environmental precautions

Nothing specific to our knowledge.

Methods and material for containment and cleaning up

Sweep up spilled material and place in suitable containers for recycle or disposal. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Usage precautions

Comply with the current legislation concerning the prevention of industrial risks.

Advice on general occupational hygiene

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash their hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Store in original packaging in a dry place.

Storage class

Not classified.

7.3. Specific end use(s)

Field of application of the product is described in Technical data sheet (TDS).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits

Maximum Exposure Limit (MEL) 5mg/m³, 8 hour time weighted average.

8.2. Exposure controls

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

Eye/face protection

Use safety glasses (with side shields).

Hand protection

Gloves not needed, however follow workplace instructions.

Other skin and body protection

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. 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.

Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Respiratory protection

If the MEL cannot be met, disposable face masks complying with BS/EN 149 FFP1 or FFP2 should be used and are suitable for most applications.

Environmental exposure controls

Do not let into environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Solid, mineral wool in shapes
Colour	n/a
Odour	Slight noticeable
Odour threshold	No data available
pH	Not applicable
Melting point	> 600 °C
Initial boiling point and range	Not determined
Flash point	No information available
Evaporation rate	No information available
Evaporation factor	No information available
Flammability (solid, gas)	No information available
Upper/lower flammability or explosive limits	No information available
Vapour pressure	No information available
Vapour density	No information available
Relative density	No information available
Bulk density	Not available
Solubility(ies)	Insoluble in water
Partition coefficient	Not available
Auto-ignition temperature	No data available
Decomposition Temperature	No data available
Viscosity	No information available
Explosive properties	Not applicable
Oxidising properties	Not applicable
VOC	Not applicable
LEED (2009) VOC	Not applicable

9.2. Other information

Not available.

10. STABILITY AND REACTIVITY

10.1. Reactivity

The mixture is not reactive under recommended storage and handling conditions (see Section 7).

10.2. Chemical stability

The mixture is stable under recommended storage and handling conditions (see Section 7).

10.3. Possibility of hazardous reactions

In case of fire, the product can create hazard gases.

10.4. Conditions to avoid

Above 230°C, some binder degradation may occur for a short while, leading to the evolution of small quantities of carbon dioxide, carbon monoxide and other trace gases.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

In case of fire: carbon oxides, hydrocarbons, smoke particles.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

IARC Classification category 2B (in 1987). Subsequent human epidemiological studies show no link between exposure to mineral wool fibres and lung disease.

Acute toxicity

None known.

Skin Corrosion/Irritation

None known.

Serious Eye Damage/Irritation

None known.

Respiratory or Skin Sensitisation

Might be irritant.

Germ Cell Mutagenicity

None known.

Carcinogenicity

None known.

Reproductive Toxicity

None known.

Specific target organ toxicity (single exposure)

Lack of data.

Specific target organ toxicity (repeated exposure)

Lack of data.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

None known.

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. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

Low solubility and sinks in water. The product is virtually insoluble in water and thus can be separated from water mechanically in suitable effluent treatment plants.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Combination with other materials may well indicate another route of disposal. Care should in any case be taken to ensure compliance with EC, national and local regulations. This product is suitable for disposal in an approved landfill or by controlled incineration.

Disposal methods

Dispose of in accordance with local regulations.

13.2. Waste class

Not applicable.

14. TRANSPORT INFORMATION

14.1. UN number

Not applicable

14.2. Packing group

Not applicable.

14.3. Road ADR

Not applicable.

14.4. Railway RID

Not applicable.

14.5. Transport by sea GGVSee/IMDG-Code

Not applicable.

14.6. Air Transport ICAO-TI/IATA-DGR

Not applicable.

15. REGULATORY INFORMATION

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

No special labelling required. Mineral wool products are not classified under CHIP as hazardous but are regulated as man-made mineral fibre (MMMMF) under the Control of Substances Hazardous to Health Regulations (COSHH) with MEL of 5mg/m³ and/or 2 fibres/ml (respirable), whichever is achieved first. For mineral wools the appropriate limit is 5 mg/m³ (gravimetric). This safety data sheet does not constitute an assessment of workplace risk.

Annex XIV - List of substances subject to authorisation

None of the components are listed.

Substances of very high concern

None of the components are listed.

Ozone depleting substances

Not listed.

Prior Informed Consent (PIC)

Not listed.

Persistent Organic Pollutants

Safety Data Sheet



Not listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Not applicable.

Seveso Directive

This product is not controlled under the Seveso Directive.

EU regulations

Industrial emissions (integrated pollution prevention and control) - Air

Not listed.

Industrial emissions (integrated pollution prevention and control) - Water

Not listed.

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

Inventory list Australia

Not determined.

Canada

Not determined

China

Not determined.

Eurasian Economic Union

Russian Federation inventory

Not determined.

Japan inventory (CSCL)

Not determined.

Japan inventory (ISHL)

Not determined

New Zealand

Not determined.

Philippines

Not determined.

Republic of Korea

Not determined.

Taiwan

Not determined.

Thailand

Not determined.

Turkey

Not determined.

United States

Not determined.

Premier Sealant Systems Ltd.

T 01724 864 100 | E sales@sealprem.com | www.sealprem.com

Mercia Way, Foxhills Industrial Park, Scunthorpe, DN15 8RE

Registered Office: Mercia Way, Foxhills Industrial Park, Scunthorpe, DN15 8RE | Registered in Cardiff No. 3000843

Viet Nam
Not determined.

15.2. Chemical safety assessment

Not determined.

16. OTHER INFORMATION

Abbreviations and acronyms used in the safety data sheet

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

ATE: Acute Toxicity Estimate.

BCF: Bioconcentration Factor.

CAS: Chemical Abstracts Service.

cATpE: Converted acute toxicity point estimate.

DNEL: Derived No Effect Level.

EC₅₀: 50% of maximal Effective Concentration.

GHS: Globally Harmonized System.

IATA: International Air Transport Association.

IBC: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk (International Bulk Chemical Code).

ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IMDG: International Maritime Dangerous Goods.

LC50: Lethal Concentration to 50 % of a test population.

LD50: Lethal Dose to 50% of a test population (Median Lethal Dose).

LOAEC: Lowest Observed Adverse Effect Concentration.

LOAEL: Lowest Observed Adverse Effect Level.

LOEC: Lowest Observed Effect Concentration.

MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.

NOAEC: No Observed Adverse Effect Concentration.

NOAEL: No Observed Adverse Effect Level.

NOEC: No Observed Effect Concentration.

PBT: Persistent, Bioaccumulative and Toxic substance.

PNEC: Predicted No Effect Concentration.

REACH: The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577.

RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.

SVHC: Substances of Very High Concern.

vPvB: Very Persistent and Very Bioaccumulative.

Classification abbreviations and acronyms

Acute Tox. = Acute toxicity

Aquatic Chronic = Hazardous to the aquatic environment (chronic)

Asp. Tox. = Aspiration hazard

Eye Dam. = Serious eye damage

Flam. Liq. = Flammable liquid

Safety Data Sheet



Repr. = Reproductive toxicity
Skin Irrit. = Skin irritation
Skin Sens. = Skin sensitisation
STOT RE = Specific target organ toxicity-repeated exposure
STOT SE = Specific target organ toxicity-single exposure

Key literature references and sources for data

Source: European Chemicals Agency, <http://echa.europa.eu/> SDS from supplier.

Classification procedures according to SI 2019 No. 720

Flam. Liq. 2 - H225: On basis of test data.
Aquatic Chronic 3 - H412,
Eye Irrit. 2 - H319,
Repr. 2 - H361d,
Skin Irrit. 2 - H315,
STOT SE 3 - H336,
STOT RE 2 - H373: Calculation method.

Revision comments

Revision date

25/03/2024

Revision

2

Supersedes date

20/06/2018

SDS status

Approved.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.