

FirePro® Flex Seal Coated Strip/ FirePro® Flex Seal Linear Joint

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

1.1 Product identifier

Product form: Article.
Trade name: FirePro® Flex Seal Coated Strip/FirePro® Flex Seal Linear Joint.
Product group: Trade product.

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

1.2.1 Relevant identified uses

Main use category: Professional use.
Use of substance/mixture: Flame retardants and fire preventing agents.

1.2.2 Uses advised against: No additional information available.

1.3 Details of the supplier of the safety data sheet

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

1.4 Telephone numbers

ROCKWOOL Customer Support (9am-5pm):
Tel: +44 (0) 1656 862621
Email: sds@rockwool.com

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to GB CLP (SI 2019:720 as amended): Not classified.

Adverse physicochemical, human health and environmental effects:

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2 Label elements

Labelling according to GB CLP (SI 2019:720 as amended): No labelling applicable.

2.3 Other hazards

This product does not contain substances at $\geq 0.1\%$ that meet the PBT criteria of UK REACH regulation, annex XIII.

This product does not contain substances at $\geq 0.1\%$ that meet the vPvB criteria of UK REACH regulation, annex XIII.

Component

Substance(s) not meeting the PBT criteria of UK REACH regulation, in accordance with Annex XIII:

Man-made vitreous (silicate) fibres with random orientation with alkaline and alkali earth oxides (Na₂O+K₂O+CaO+ MgO+BaO) content greater than 18% by weight and fulfilling one of the CLP Regulation Annex VI Note Q conditions, Mineral Oil, Aluminium hydroxide (21645-51-2), Calcium Magnesium Dicarboxate (16389-88-1).

Substance(s) not meeting the vPvB criteria of UK REACH regulation, in accordance with Annex XIII:

Man-made vitreous (silicate) fibres with random orientation with alkaline and alkali earth oxides (Na₂O+K₂O+CaO+ MgO+BaO) content greater than 18% by weight and fulfilling one of the CLP Regulation Annex VI Note Q conditions, Mineral Oil, Aluminium hydroxide (21645-51-2), Calcium Magnesium Dicarboxate (16389-88-1).

The substance is not included in the list established in accordance with Article 59(1) of UK REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in GB BPR and GB PPP.

Component

Substance(s) not included in the list established in accordance with Article 59(1) of UK REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in GB BPR and GB PPP:

Man-made vitreous (silicate) fibres with random orientation with alkaline and alkali earth oxides (Na₂O+K₂O+CaO+ MgO+BaO) content greater than 18% by weight and fulfilling one of the CLP Regulation Annex VI Note Q conditions, Calcium Magnesium Dicarboxate(16389-88-1), Aluminium hydroxide(21645-51-2), Mineral Oil

Other information: Excessive dust production at the time of cutting may cause minor eye irritation.

Section 3. Composition / information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

Man-made vitreous (silicate) fibres with random orientation with alkaline and alkali earth oxides (Na₂O+K₂O+CaO+ MgO+BaO) content greater than 18% by weight and fulfilling one of the CLP Regulation Annex VI Note Q conditions:

Product identifier: EC-No.: 926-099-9

Percentage: ≥ 50

Labelling according to GB CLP (SI 2019:720 as amended): Not classified.

Synthetic Thermosetting Polymer Binder:

Percentage: < 10

Labelling according to GB CLP (SI 2019:720 as amended): Not classified.

Calcium Magnesium Dicarbonate:

Product identifier: CAS-No.: 16389-88-1

EC-No.: 240-440-2

Percentage: < 5

Labelling according to GB CLP (SI 2019:720 as amended): Not classified.

Aluminium hydroxide:

Product identifier: CAS-No.: 21645-51-2

EC-No.: 244-492-7

Percentage: < 5

Labelling according to GB CLP (SI 2019:720 as amended): Not classified.

Mineral Oil:

Percentage: < 1

Labelling according to GB CLP (SI 2019:720 as amended): Not classified.

Section 4. First-aid measures

4.1 Description of first aid measures

First-aid measures general: If you feel unwell, seek medical advice.

First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact: Wash skin with plenty of water.

First-aid measures after eye contact: Rinse eyes with water as a precaution.

First-aid measures after ingestion: Call a poison center or doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation:

Dust of the product, if present, may cause respiratory irritation after excessive inhalation exposure.

Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.

Symptoms/effects after skin contact:

None under normal conditions. Dust may cause irritation in skin folds or by contact in combination with tight clothing.

Symptoms/effects after eye contact:

None under normal conditions. Dust from this product may cause eye irritation.

Symptoms/effects after ingestion: None under normal conditions.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Section 5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Water spray. Dry powder. Foam.

Unsuitable extinguishing media: Do not use a heavy water stream.

5.2 Special hazards arising from the substance or mixture

Fire hazard: No fire hazard.

Explosion hazard: No direct explosion hazard.

Hazardous decomposition products in case of fire: Toxic fumes may be released.

5.3 Advice for firefighters

Firefighting instructions:

Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.

Protection during firefighting:

Do not attempt to take action without suitable protective equipment.
Self-contained breathing apparatus. Complete protective clothing.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

General measures:

Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

6.1.1 For non-emergency personnel

Protective equipment: Wear recommended personal protective equipment.

Emergency procedures: Ventilate spillage area.

6.1.2 For emergency responders

Protective equipment:

Do not attempt to take action without suitable protective equipment.

For further information refer to section 8: "Exposure controls/personal protection."

Emergency procedures: Evacuate unnecessary personnel.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

For containment: Using a clean shovel, put the material in a dry container and cover without compressing it.

Methods for cleaning up: Mechanically recover the product.

Other information: Dispose of materials or solid residues at an authorised site.

6.4 Reference to other sections

For further information refer to section 13.

Section 7. Handling and storage

7.1 Precautions for safe handling

Additional hazards when processed:

Not expected to present a significant hazard under anticipated conditions of normal use.

Precautions for safe handling:

Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures:

Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures: Keep in a cool, well-ventilated place away from heat.

Storage conditions: Keep cool. Protect from sunlight.

Packaging materials: Store always product in container of same material as original container.

7.3 Specific end use(s)

No additional information available.

Section 8. Exposure controls / personal protection

8.1 Control parameters

8.1.1 National occupational exposure and biological limit values

Man-made vitreous (silicate) fibres with random orientation with alkaline and alkali earth oxides (Na₂O+K₂O+CaO+ MgO+BaO) content greater than 18% by weight and fulfilling one of the CLP Regulation Annex VI Note Q conditions:

United Kingdom - Occupational Exposure Limits

WEL TWA (OEL TWA): 10 mg/m³ total inhalable dust
4 mg/m³ total respirable dust

Aluminium hydroxide (21645-51-2):

United Kingdom - Occupational Exposure Limits

Local name: Dust

WEL TWA (OEL TWA): 10 mg/m³ inhalable fraction
4 mg/m³ respirable fraction

Regulatory reference: EH40/2005 (Fourth edition, 2020). HSE

Calcium Magnesium Dicarbonate (16389-88-1):

United Kingdom - Occupational Exposure Limits

WEL TWA (OEL TWA): 2 mg/m³ (Calcium Oxide)
1 mg/m³ Respirable Fraction (Calcium Oxide)
10 mg/m³ Inhalable Fraction (Magnesium Oxide)
4 mg/m³ Respirable Fraction (Magnesium Oxide)

WEL STEL (OEL STEL): 4 mg/m³ Respirable Fraction (15 Minutes Average Value) (Calcium Oxide)

8.1.2 Recommended monitoring procedures: No additional information available.

8.1.3 Air contaminants formed: No additional information available.

8.1.3 DNEL and PNEC : No additional information available.

8.1.5 Control banding: No additional information available.

8.2 Exposure controls

Appropriate engineering controls: Ensure good ventilation of the work station.

Personal Protective Equipment: Wear recommended personal protective equipment.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin and body protection: Wear suitable protective clothing.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment .

Personal protective equipment symbol(s):



Thermal hazards: No additional information available.

Environmental exposure controls: Avoid release to the environment.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: Solid

Appearance: Fibrous

Colour: White

Odour: Not available

Odour threshold: Not available

pH: Not available

pH solution: Not available

Melting point: Not available

Freezing point: Not applicable

Boiling point: Not available

Flash point: Not applicable

Explosive limits: Not applicable

Lower explosion limit: Not applicable

Upper explosion limit: Not applicable

Vapour pressure: Not available

Vapour pressure at 50°C: Not available

Relative vapour density at 20°C: Not applicable

Relative density: Not available

Density: Not available

Solubility: Not available

Partition coefficient n-octanol/water (Log Kow): Not available

Auto-ignition temperature: Not applicable

Decomposition temperature: Not available

Viscosity, kinematic: Not applicable

Explosive properties: Not available

9.2 Other information

No additional information available.

Section 10. Stability and reactivity

10.1 Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4 Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5 Incompatible materials

No additional information available.

10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition generates : Carbon dioxide. Carbon monoxide. May liberate toxic gases.

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity (oral): Not classified (Based on available data, the classification criteria are not met).

Acute toxicity (dermal): Not classified (Based on available data, the classification criteria are not met).

Acute toxicity (inhalation): Not classified (Based on available data, the classification criteria are not met).

Aluminium Hydroxide (21645-51-2):

LD50 oral rat:

> 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)

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.*

**Based on available data, the classification criteria are not met.*

Aluminium Hydroxide (21645-51-2):**NOAEL (animal/male, F0/P):**

1000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 422
(Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

STOT-single exposure: Not classified.*

STOT-repeated exposure: Not classified.*

**Based on available data, the classification criteria are not met.*

Aluminium Hydroxide (21645-51-2):**NOAEC (inhalation, rat, dust/mist/fume, 90 days):**

0.07 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)

NOAEL (subchronic, oral, animal/male, 90 days):

1034 mg/kg bodyweight Animal: dog, Animal sex: male, Guideline: OECD Guideline 409
(Repeated Dose 90-Day Oral Toxicity Study in Non-Rodents)

NOAEL (subchronic, oral, animal/female, 90 days):

1087 mg/kg bodyweight Animal: dog, Animal sex: female, Guideline: OECD Guideline 409 (Repeated Dose 90-Day Oral Toxicity Study in Non-Rodents)

Aspiration hazard: Not applicable.

FirePro® Flex Seal Coated Strip/FirePro® Flex Seal Linear Joint:

Viscosity, kinematic: Not applicable.

11.2 Information on other hazards

No additional information available.

Section 12. Ecological information**12.1 Toxicity****Ecology - general:**

The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute):

Not classified (Based on available data, the classification criteria are not met).

Hazardous to the aquatic environment, long-term (chronic):

Not classified (Based on available data, the classification criteria are not met).

Man-made vitreous (silicate) fibres with random orientation with alkaline and alkali earth oxides (Na₂O+K₂O+CaO+ MgO+BaO) content greater than 18% by weight and fulfilling one of the CLP Regulation Annex VI Note Q conditions:

LC50 - Fish [1]: > 1000 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)

LOEC (chronic): > 1000 mg/l Test organisms (species): Daphnia magna Duration: '3 d'

NOEC (chronic): > 1000 mg/l Test organisms (species): Daphnia magna Duration: '3 d'

12.2 Persistence and degradability

FirePro® Flex Seal Coated Strip/FirePro® Flex Seal Linear Joint:

Persistence and degradability: Not rapidly degradable.

Man-made vitreous (silicate) fibres with random orientation with alkaline and alkali earth oxides (Na₂O+K₂O+CaO+ MgO+BaO) content greater than 18% by weight and fulfilling one of the CLP Regulation Annex VI Note Q conditions:

Persistence and degradability: Not rapidly degradable.

Aluminium hydroxide (21645-51-2):

Persistence and degradability: Not rapidly degradable.

Calcium Magnesium Dicarbonate (16389-88-1):

Persistence and degradability: Not rapidly degradable.

Mineral Oil:

Persistence and degradability: Not rapidly degradable.

Synthetic Thermosetting Polymer Binder:

Persistence and degradability: Not rapidly degradable.

12.3 Bio-accumulative potential

No additional information available.

12.4 Mobility in soil

No additional information available.

12.5 Results of PBT and vPvB assessment

FirePro® Flex Seal Coated Strip/FirePro® Flex Seal Linear Joint:

This product does not contain substances at $\geq 0.1\%$ that meet the PBT criteria of UK REACH regulation, annex XIII.

This product does not contain substances at $\geq 0.1\%$ that meet the vPvB criteria of UK REACH regulation, annex XIII.

Component

Man-made vitreous (silicate) fibres with random orientation with alkaline and alkali earth oxides (Na₂O+K₂O+CaO+ MgO+BaO) content greater than 18% by weight and fulfilling one of the CLP Regulation Annex VI Note Q conditions:

This product does not contain substances at $\geq 0.1\%$ that meet the PBT criteria of UK REACH regulation, annex XIII.

This product does not contain substances at $\geq 0.1\%$ that meet the vPvB criteria of UK REACH regulation, annex XIII.

Component

Aluminium hydroxide (21645-51-2):

This product does not contain substances at $\geq 0.1\%$ that meet the PBT criteria of UK REACH regulation, annex XIII.

This product does not contain substances at $\geq 0.1\%$ that meet the vPvB criteria of UK REACH regulation, annex XIII.

Calcium Magnesium Dicarbonate (16389-88-1):

This product does not contain substances at $\geq 0.1\%$ that meet the PBT criteria of UK REACH regulation, annex XIII.

This product does not contain substances at $\geq 0.1\%$ that meet the vPvB criteria of UK REACH regulation, annex XIII.

Mineral Oil:

This product does not contain substances at $\geq 0.1\%$ that meet the PBT criteria of UK REACH regulation, annex XIII.

This product does not contain substances at $\geq 0.1\%$ that meet the vPvB criteria of UK REACH regulation, annex XIII.

12.6 Other adverse effects

No additional information available.

Section 13. Disposal considerations

13.1 Waste treatment methods

Regional waste regulation: Disposal must be done according to official regulations.

Waste treatment methods:

Dispose of contents/container in accordance with licensed collector's sorting instructions.

Sewage disposal recommendations: Disposal must be done according to official regulations.

Product/Packaging disposal recommendations:

Comply with applicable regulations for solid waste disposal. Disposal must be done according to official regulations.

Additional information: Do not re-use empty containers.

Ecological waste information: Avoid release to the environment.

Section 14. Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

14.1 UN number

ADR / IMDG / IATA / ADN / RID: Not applicable.

14.2 UN proper shipping name

ADR / IMDG / IATA / ADN / RID: Not applicable.

Transport document description

ADR / IMDG / IATA / ADN / RID: Not applicable.

14.3 Transport hazard class(es)

ADR / IMDG / IATA / ADN / RID: Not applicable.

14.4 Packing group

ADR / IMDG / IATA / ADN / RID: Not applicable.

14.5 Environmental hazards

ADR / IMDG / IATA / ADN / RID: Not applicable.

No supplementary information available.

14.6 Special precautions for user

Overland transport: Not applicable.

Transport by sea: Not applicable.

Air transport: Not applicable.

Inland waterway transport: Not applicable.

Rail transport: Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Section 15. Regulatory information

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

15.1.1 EU-Regulations

UK REACH Annex XVII (Restriction List)

This product contains no substance(s) listed on UK REACH Annex XVII (Restriction List) equal to or above the level of SDS disclosure.

UK REACH Annex XIV (Authorisation List)

This product contains no substance(s) listed on UK REACH Annex XIV (Authorisation List) equal to or above the 0.1% level of disclosure.

UK REACH Candidate List (SVHC)

Contains no substance(s) listed on the UK REACH Candidate List.

GB PIC regulation (Prior Informed Consent)

This product contains no substance(s) listed on the GB PIC List equal to or above the level of SDS disclosure.

POP Regulation (Persistent Organic Pollutants)

This product contains no substance(s) listed on the GB POP List equal to or above the level of SDS disclosure.

Ozone Regulation (S.I. No. 168 of 2015)

This product contains no substance(s) listed on the GB Ozone Depletion List equal to or above the level of SDS disclosure.

Control of Poisons and Explosives Precursors Act

This product contains no substance(s) listed as a reportable poison on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure.

This product contains no substance(s) listed as a regulated poison on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure.

This product contains no substance(s) listed as a reportable explosive precursor on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure.

This substance is not listed as a regulated poison on the Control of Poisons and Explosives Precursors Regulations.

Drug Precursors Regulation (273/2004)

This product contains no substance(s) listed on the GB Drug Precursors List equal to or above the level of SDS disclosure.

15.1.2 Other Information

15.2 Chemical Safety Assessment

No additional information available.

Section 16. Other information

A safety data sheet is not required for this product. This Product Safety Information Sheet has been created on a voluntary basis.

Abbreviations and acronyms	
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
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

Safety Data Sheet (SDS), UK

Legal disclaimer

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