

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

1.1. Product identifier

Product name: PROTECTA MINERAL FIBRE BIO

Product code: PRO120

Synonyms: MINERAL BIO

SOLUBLE AES FIBRE STRIP

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

Use of substance / mixture: Thermal insulation and passive fire protection backing

1.3. Details of the supplier of the safety data sheet

Company name: Polyseam Ltd

15 St Andrews Road

Huddersfield

West Yorkshire

HD1 6SB

United Kingdom

Tel: +44 (0)1484 421036

Email: post.uk@polyseam.com

1.4. Emergency telephone number

Emergency tel: +44 (0)1484 421036

(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: This product has no classification under CLP.

2.2. Label elements

Label elements:

Precautionary statements: P102: Keep out of reach of children.

P261: Avoid breathing dust.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P285: In case of inadequate ventilation wear respiratory protection.

P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P333+313: If skin irritation or rash occurs: Get medical advice/attention.

P337+313: If eye irritation persists: Get medical advice/attention.

P350: Gently wash with plenty of soap and water.

P363: Wash contaminated clothing before reuse.

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2.3. Other hazards

Other hazards: Irritating to skin. Irritating to eyes. Irritating to respiratory system.

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: PROTECTA FR BACKING

Contains: Alkaline Earth silicate consisting of: >45% Aluminium oxide; >97% SiO₂ + Al₂O₃; < 2% Fe₂O₃+Na₂O+K₂O

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: If irritation occurs, do not rub or scratch. Rinse under running water prior to washing with soap and water.

Eye contact: If irritation occurs, do not rub eyes. Flush eyes carefully with eye wash or water. Consult a doctor if irritation persists.

Ingestion: Do not induce vomiting. If conscious, give half a litre of water to drink immediately.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Keep warm and at rest in a comfortable position for breathing. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: High concentrations can irritate the respiratory system.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: No data available.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: No relevant information available.

5.3. Advice for fire-fighters

Advice for fire-fighters: Not applicable.

Section 6: Accidental release measures

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6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details.

6.2. Environmental precautions

Environmental precautions: Not applicable.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Use industrial vacuum cleaner to remove material. Avoid dust generation.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Exposure guideline OEL 0.6 fibre/ml.
Clean with a HEPA vacuum cleaner and avoid inhalation of any dust. Avoid the formation or spread of dust in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): See Section 1.2

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is exhaust ventilation of the area. OEL: Amorphous calcium magnesium silicate - PNO (particles not otherwise classified):- Inhalable particulates: 10mg/m³ ;
Respirable particulates : 3mg/m³.

Respiratory protection: Respiratory protective device with particle filter. Particle filter class P1 (EN143).

Hand protection: Protective gloves.

Eye protection: Safety goggles.

Skin protection: Protective clothing with elasticated cuffs and closed neck.

Environmental: No special requirement.

Section 9: Physical and chemical properties

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9.1. Information on basic physical and chemical properties

State: Fibres
Colour: White
Odour: Odourless
Evaporation rate: Not applicable.
Oxidising: Not applicable.
Solubility in water: Insoluble
Viscosity: Not applicable.
Boiling point/range°C: Not applicable. **Melting point/range°C:** 1260
Flammability limits %: lower: Not applicable. **upper:** Not applicable.
Flash point°C: Not applicable. **Part.coeff. n-octanol/water:** Not applicable.
Vapour pressure: Not applicable. **pH:** Not applicable.
VOC g/l: Not applicable.

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

10.5. Incompatible materials

Materials to avoid: Not applicable.

10.6. Hazardous decomposition products

Haz. decomp. products: No data available.

Section 11: Toxicological information

11.1. Information on toxicological effects

Excluded hazards for substance:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	-	No hazard: calculated

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Acute toxicity (ac. tox. 3)	-	No hazard: calculated
Acute toxicity (ac. tox. 2)	-	No hazard: calculated
Acute toxicity (ac. tox. 1)	-	No hazard: calculated
Skin corrosion/irritation	-	No hazard: calculated
Serious eye damage/irritation	-	No hazard: calculated
Respiratory/skin sensitisation	-	No hazard: calculated
Germ cell mutagenicity	-	No hazard: calculated
Carcinogenicity	-	No hazard: calculated
Reproductive toxicity	-	No hazard: calculated
STOT-single exposure	-	No hazard: calculated
STOT-repeated exposure	-	No hazard: calculated
Aspiration hazard	-	No hazard: calculated

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: High concentrations can irritate the respiratory system.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: Not applicable.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Dispose of at a licensed waste disposal site in accordance with the requirements of the local authority.

Waste code number: 17 06 04

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Disposal of packaging: Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

This safety data sheet is prepared in accordance with Commission Regulation (EC) No 1272/2008.

* indicates text in the SDS which has changed since the last revision.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.