

SAFETY DATA SHEET

Proteus Pro-Protection Board 1m x 2m x 3mm

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

1.1. Product identifier

Trade name

Proteus Pro-Protection Board 1m x 2m x 3mm

Product no.

ACPRBO02V1.0

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

Relevant identified uses of the substance or mixture

None known.

Use descriptors (UK REACH)

Sectors of use	Description
SU 19	Building and construction work

Product category	Description
PC 0	Other products

Uses advised against

Consumer uses: Private households (= general public = consumers)

1.3. Details of the supplier of the safety data sheet

Company and address

Proteus Waterproofing Ltd

21a Sirdar Road, Brook Road Industrial Estate

SS6 7XF Rayleigh, Essex

England

+44 (0) 1268 777871 Office Mon-Fri 08:30-17:00 outside of these hours call emergency numbers

www.proteuswaterproofing.co.uk

E-mail

enquiries@proteuswaterproofing.co.uk

Revision

09/06/2023

SDS Version

1.0

1.4. Emergency telephone number

In emergency call NCEC +44 (0) 1865 407 333

Contact The National Poisons Information Service (dial 111, 24 h service).

See section 4 "First aid measures".

SECTION 2: Hazards identification

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

Classified according to Regulation (EC) No. 1272/2008 (CLP).

2.1. Classification of the substance or mixture

The product covered by this document is not subject to issuance of Material/Safety Data Sheets (MSDS/SDS) and is therefore provided on a voluntary basis.

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2.2. Label elements

Hazard pictogram(s)

Not applicable.

Signal word

Not applicable.

Hazard statement(s)

Not applicable.

Precautionary statement(s)

General

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Prevention

- Wash hands and exposed skin thoroughly after handling. (P264)
- Do not eat, drink or smoke when using this product. (P270)
- Use only outdoors or in a well-ventilated area. (P271)
- Wear eye protection/protective gloves/protective clothing. (P280)
- Wear fire resistant or flame retardant clothing. (P283)

Response

- Get medical advice/attention if you feel unwell. (P314)
- Immerse in cool water . (P334)

Storage

-

Disposal

-

Hazardous substances

None known.

Additional labelling

EUH401, To avoid risks to human health and the environment, comply with the instructions for use.
All following hazards refer to the partial melted hot product above 80°C during application.

2.3. Other hazards

Additional warnings

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Asphalt, oxidized	CAS No.: 64742-93-4 EC No.: 265-196-4 UK-REACH: Index No.:	60-80%	EUH401	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

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SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

If dust/particles from product enters mouth, rinse with water or until product is removed, if irritation persists seek medical advice, do not induce vomiting.

Acute nose and throat irritation are possible during heat application of product due to the inhalation of potentially hazardous substances such as gas and condensed fumes, especially in poorly or unventilated environments.

Skin contact

In case of skin contact with molten product drench skin with plenty of water, if molten product adheres to skin use vegetable or baby oil to remove small splashes of product and seek urgent medical attention, do not pull product or clothing off if stuck to skin.

Product can be absorbed through the skin upon prolonged contact, this could cause nausea and headaches.

Eye contact

If dust/particles from product enters eyes, rinse with eyewash solution for 15 minutes or until product is removed, if irritation persists seek medical advice.

In case of eye contact with molten product, DO NOT pull product away from eye or use solvents, seek urgent medical attention.

Ingestion

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.

In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

Burns

Danger of second degree burn during application by gas-torch of the product. Contact of molten hot product with water, may occur explosively causing boiling of water and splash of hot product.

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

None known.

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

Molten/heated product may adhere to skin and cause burns.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

Combustion by-products include toxic and corrosive smoke/fumes, wear suitable respiratory equipment.

5.3. Advice for firefighters

Fire fighters should wear appropriate personal protective equipment.

Hazchem Code: None

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No specific requirements.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

6.3. Methods and material for containment and cleaning up

Not applicable- product remains in its massive form, dust should be vacuumed up whilst wearing appropriate rpe.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage material

No specific requirements

Storage temperature

Boards must be stored flat, off the ground on a clean, level surface and protected from high wind and sunlight.

Incompatible materials

Oil

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No substances are listed in the national list of substances with an occupational exposure limit.

DNEL

Asphalt, oxidized

Duration:	Route of exposure:	DNEL:
Long term – Local effects - Workers	Inhalation	2.88 mg/m ³

PNEC

No data available.

8.2. Exposure controls

Control is unnecessary if the product is used as intended.

General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios

There are no exposure scenarios implemented for this product.

Exposure limits

Occupational exposure limits have not been defined for the substances in this product.

Appropriate technical measures

Apply standard precautions during use of the product. Avoid inhalation of gas or dust.

Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

Measures to avoid environmental exposure


No specific requirements.

Individual protection measures, such as personal protective equipment

Generally

Use only UKCA marked protective equipment.


Respiratory Equipment

Work situation	Type	Class	Colour	Standards
When handling standard cold product.	No specific requirements			
When handling molten/hot product	Suitable respiratory protection advice for the correct personal selection can be obtained from EN529:2005			



Skin protection

Work situation	Recommended	Type/Category	Standards	
When handling standard cold product.	Dedicated work clothing should be worn.	-	-	
When handling molten/hot product	Wear heat/flare resistant clothing and footwear.			

Hand protection

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
When handling standard cold product.	Wear general purpose protection gloves.			
When handling molten/hot product	Wear heat retardant gloves.			

Eye protection

Work situation	Type	Standards	
When handling molten/hot product	Face shield	EN166	
When handling standard cold product.	Safety glasses	EN166	

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Solid

Colour

Black

Odour / Odour threshold

Testing not relevant or not possible due to the nature of the product.

pH

Not applicable - product is a solid

Density (g/cm³)

Not applicable - product is a solid

Relative density

Not applicable - product is a solid

Kinematic viscosity

Not applicable - product is a solid

Particle characteristics

Not applicable - product is a solid

Phase changes

Melting point/Freezing point (°C)

Not applicable - Melting point >80°C

Softening point/range (waxes and pastes) (°C)

Does not apply to solids.

Boiling point (°C)

177

Vapour pressure

Not applicable - product is a solid

Relative vapour density

Does not apply to solids.

Decomposition temperature (°C)

Not applicable - product is a solid

Data on fire and explosion hazards

Flash point (°C)

250

Flammability (°C)

Not applicable - product is a solid

Auto-ignition temperature (°C)

300

Lower and upper explosion limit (% v/v)

Not applicable - product is a solid

Solubility

Solubility in water

Immiscible

n-octanol/water coefficient

Not applicable - product is a solid

Solubility in fat (g/L)

Not applicable - product is a solid

9.2. Other information

Evaporation rate (n-butylacetate = 100)

Not applicable - product is a solid

Oxidizing properties

Not applicable - product is a solid

Other physical and chemical parameters

No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Oil

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law

Acute toxicity

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

Skin corrosion/irritation

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

Serious eye damage/irritation

Dust from product may cause mechanical irritation.

Respiratory sensitisation

Dust from product may cause mechanical irritation.

Skin sensitisation

Product can be absorbed through the skin upon prolonged contact, this could cause nausea and headaches.

Germ cell mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

11.2. Information on other hazards

Long term effects

None known.

Endocrine disrupting properties

Not applicable.

Other information

Asphalt, oxidized has been classified by IARC as a group 2A carcinogen.

SECTION 12: Ecological information

12.1. Toxicity

No data available.

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

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. Endocrine disrupting properties

Not applicable.

12.7. Other adverse effects

None known.

SECTION 13: Disposal considerations

Waste treatment methods

Product is not covered by regulations on dangerous waste.
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

EWC code

17 03 02 Bituminous mixtures other than those mentioned in 17 03 01

Specific labelling

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: Transport information

14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env **	Other information:
ADR	Item not subject to ADR/RID/IMDG/IATA Regulations. -		-	No	See below for additional information.
IMDG	Item not subject to ADR/RID/IMDG/IATA Regulations. -		-	No	See below for additional information.
IATA	Item not subject to ADR/RID/IMDG/IATA Regulations. -		-	No	See below for additional information.

* Packing group

** Environmental hazards

Additional information

Not dangerous goods according to ADR, IATA and IMDG.
Hazchem Code: None

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

No data available.

SECTION 15: Regulatory information

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

Restrictions for application

Restricted to professional users.

Demands for specific education

No specific requirements.

SEVESO - Categories / dangerous substances

Not applicable.

Additional information

Not applicable.

Sources

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.
Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.
Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

EUH401, To avoid risks to human health and the environment, comply with the instructions for use.

The full text of identified uses as mentioned in section 1

SU 19 = Building and construction work

PC 0 = Other products

Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CE = Conformité Européenne (European conformity)
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EINECS = European Inventory of Existing Commercial chemical Substances
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SCL = A specific concentration limit
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

Additional information

Not applicable.

The safety data sheet is validated by

Steven D'Silva Quality Manager

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

Compiled in accordance with REACH Regulation (EC) No 1907/2006, as retained and amended S.I. 2019 No. 758

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.
Country-language: GB-en