

SAFETY DATA SHEET

Proteus Hot Melt® Force

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

1.1. Product identifier

Trade name

Proteus Hot Melt® Force

Product no.

ACPFHM30V1.0

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

Relevant identified uses of the substance or mixture

Industrial purposes

Use descriptors (UK REACH)

Sectors of use	Description
SU 19	Building and construction work
Product category	Description
PC 0	Other products
Process category	Description
PROC 21	Low energy manipulation of substances bound in materials and/or articles

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

15/05/2023

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

2.1. Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

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.

2.2. Label elements

Hazard pictogram(s)

Not applicable.

Signal word

Not applicable.

Hazard statement(s)

Not applicable.

Precautionary statement(s)

General

-

Prevention

Avoid breathing dust. (P261)

Do not get in eyes, on skin, or on clothing. (P262)

Wash hands and exposed skin thoroughly after handling. (P264)

Do not eat, drink or smoke when using this product. (P270)

Contaminated work clothing should not be allowed out of the workplace. (P272)

Wear protective gloves/eye protection/protective clothing. (P280)

Response

IF ON SKIN: Gently wash with plenty of soap and water.

(P302+P350)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. (P305+P351+P338)

If skin irritation occurs: Get medical advice/attention. (P332+P313)

If eye irritation persists: Get medical advice/attention. (P337+P313)

Storage

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Disposal

Dispose of contents/container in accordance with local regulation. (P501)

Hazardous substances

None known.

Additional labelling

Not applicable.

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
Continuous Filament Glass Fibres	CAS No.: EC No.: UK-REACH: Index No.:	60-80%		
Binder	CAS No.: EC No.: UK-REACH: Index No.:	25-40%		

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

All hazards involved with using this product are due to fibres and dusts, stings, skin and eye irritations.

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.

Skin contact

If product is on exposed skin, it may cause irritation, wash with cold water and soap for at least 15 minutes. Do not use warm or hot water as this will dilate the skin pores and cause further penetration of the fibres. Do not rub or scratch the affected area. Remove affected clothing.

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.

Ingestion

Ingestion of the product is highly unlikely as supplied.

Burns

Not applicable.

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

None known.

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

None known.

5.3. Advice for firefighters

If substantial quantities are involved fire fighters should wear SCBA.

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.

Do not use in confined spaces without adequate ventilation and/or respirator.

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage material

Keep only in original packaging.

Store in a dry place.

Storage temperature

Not applicable

Incompatible materials

No specific requirements

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

No data available.

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

If the product is exposed to temperatures above 100°C, it may release gases that must be extracted using appropriate local exhaust ventilation equipment.

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

Wash hands after use.

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 cutting, sawing or creating a dusty atmosphere wear suitable respiratory protection.	Ensure adequate ventilation, use suitable respiratory protection in enclosed or poorly ventilated areas.			



Skin protection

Work situation	Recommended	Type/Category	Standards
Remove contaminated clothing and protective equipment before entering eating areas.	Dedicated work clothing should be worn.	-	-



Hand protection

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
When prolonged or frequently repeated contact may occur.	Wear general purpose protection gloves.			



Eye protection

Work situation	Type	Standards
When cutting, sawing or creating a dusty atmosphere wear suitable eye protection.	Safety Goggles	EN166:2001



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Solid

- Colour
 - White
- Odour / Odour threshold
 - None
- 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)
 - 800
 - Softening point/range (waxes and pastes) (°C)
 - Does not apply to solids.
 - Boiling point (°C)
 - Not applicable - product is a solid
 - 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)
 - Not applicable - product is a solid
 - Flammability (°C)
 - The material is not combustible.
 - Auto-ignition temperature (°C)
 - Not applicable - product is a solid
 - Lower and upper explosion limit (% v/v)
 - Not applicable - product is a solid
- Solubility
 - Solubility in water
 - Insoluble
 - 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

No specific requirements

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

Open cuts, abraded or irritated skin should not be exposed to this material.

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

Continuous Glass Fibres are not required to be classified as an irritant under European Directive 97/69/EC, additionally according to World Health Organisation (WHO), a respirable fibre has a diameter (d) less than 3µm, a length (l) longer than 5µm and an l/d ratio greater or equal to 3. Fibres with diameter greater than 3µm, which is the case of the Continuous Filament Fibres we use, do not reach the lower respiratory tract and therefore, have no possibility of causing serious pulmonary disease.

Continuous Filament Fibre do not possess cleavage plans which would allow them to split length-wise into fibres with smaller diameters. Rather, they would break across the fibre, resulting in fibres which are of the same diameter as the original fibre, but shorter in length, and a small amount of dust.

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

10 11 03 Waste glass-based fibrous materials

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

The full text of identified uses as mentioned in section 1

SU 19 = Building and construction work

PROC 21 = Low energy manipulation of substances bound in materials and/or articles

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

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

In accordance with UK-REACH, a safety data sheet is not required for this product. This safety data sheet has been created on a voluntary basis to distribute relevant information as required by UK-REACH.

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.

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