

1. IDENTIFICATION OF THE SUBSTRATE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name/designation: Hydrodrain FC12.

1.2 Use of substance/preparation

Drainage layer for roofing systems.
12mm HDPE cuspated drainage board with a geotextile filter.

1.3 Manufacturer/Supplier

Supplier:
Alumasc Building Products Ltd
White House Works, Bold Road, Sutton, St Helens, Merseyside, United Kingdom, WA9 4JG
Tel: +44 (0)1744 648400
e-mail: technical@alumascroofing.com

1.4 Manufacturer/Supplier

Emergency telephone: 01744 648 400 - (Mon-Thurs – 08.30-17.00 Fri – 08.30-16.00)

2. HAZARDS IDENTIFICATION

2.1 Adverse human health effects

No specific risk when handled in accordance with good occupational hygiene and safety practice.

Further data:

Risk of thermal burns on contact with molten product.
Toxic gasses will form upon combustion (see Section 9).

2.2 Physical and chemical hazards

Further hazards:

No specific hazard under normal conditions of use.

Classification/Specific hazards:

According to EEC criteria, this product is not classified as a <<hazardous substance>>.

3. COMPOSITION AND INFORMATION ABOUT THE COMPONENTS

Classification according to Directive 67/548/EEC:

Explosive:	Not applicable.
Oxidizing:	Not applicable.
Very highly flammable:	Not applicable.
Highly flammable:	Not applicable.
Flammable:	Not applicable.
Mutagenic:	Not applicable.
Highly poisonous:	Not applicable.
Poisonous:	Not applicable.
Harmful:	Not applicable.
Corrosive:	Not applicable.
Irritating:	Not applicable.
Carcinogenic:	Not applicable.
Others (to specify):	Not applicable.

4. FIRST AID MEASURES

4.1 Inhalation

In the case of inhalation of thermal decomposition products from burning material, remove patient from exposure and obtain immediate medical attention.

4.2 Skin Contact

In the case of sensitive skin being degreased by repeated handling, through washing and use of barrier cream in future is recommended. Where soreness persists, seek medical advice.

In the event of a fire, molten product may cause thermal burns. In this case:

- Rinse with plenty of water. **DO NOT** remove clothing (since it may stick to the skin).
- Call a doctor immediately.

4.3 Eye Contact

Not specifically applicable.

4.4 Ingestion

Not specifically applicable.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable:

All extinguishing agents can be used (water, foam, powders, carbon dioxide, sand).

Not suitable:

None. If there is a fire close by, use suitable extinguishing agents.

5.2 Specific hazards

Combustible product; melts on heating.

Risk of fire spreading due to the flow of liquid which is already alight.

During combustion, harmful or toxic vapours are released.

5.3 Specific fire-fighting methods

Cool the molten product.

5.4 Protection of fire-fighters

Self-contained breathing apparatus and suitable protective clothing.

6. ACCIDENTAL RELEASE MEASURES

None applicable.

7. HANDLING AND STORAGE

7.1 Handling

Technical measures:

Does not require any specific or particular measures.

Safe handling advice:

Use slings where provided. Product weights are given on roll tickets. Use equipment appropriate to weight and dimensions.

7.2 Storage

Technical measures:

Does not require any specific measures.

Storage conditions:

Away from any flames.
Protected from bad weather conditions.
Product can be stored outdoors in its original packaging.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Engineering measures

No specific measures are required provided that the product is handled in accordance with the general rules of occupational hygiene and safety.

8.2 Personal protective equipment

Skin and body protection:

No specific/particular action is required for this product.
Comply with good occupational hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance

Physical state:	Solid.
Form:	Nonwoven Fabric bonded to a HDPE cusped sheet.
Colour:	White/Black.
Odour:	Negligible.
pH:	Not applicable.
Specific gravity:	0.9g/cm ³ .

9.2 Specific temperatures

Melting:	Melting range: >120°C.
Decomposing temperature:	>330°C.

9.3 Flammability Characteristics

Flash point:	>250°C.
Autoignition temperature:	>250°C.

9.4 Oxidising Properties:

Non oxidising material according to EEC criteria.

Insoluble in water.

9.5 In organic solvents

Insoluble in common organic solvents.

10. STABILITY AND REACTIVITY

10.1 Stability

Stable under normal conditions of use.

No dangerous reactions known under normal conditions of use.

10.2 Hazardous decomposition

On combustion or on thermal decomposition (pyrolysis) releases toxic gases. (Carbon monoxide, carbon dioxide, low molecular weight alcohols/alehydes and acids).

11. TOXICOLOGICAL INFORMATION

11.1 Inhalation

Unlikely to be hazardous unless heated to decomposition temperature. Combustion products may be irritant.

11.2 Skin contact

Sensitive skins may be degreased by repeated handling.

11.3 Eye contact

Highly unlikely in normal use.

11.4 Ingestion

Highly unlikely in normal use.

11.5 Long term exposure

Chronic effects unlikely.

12. ECOLOGICAL INFORMATION

12.1 Behaviour in the environment

Persistence/Durability: Will oxidise slowly.
- Further information on persistence: Product generally persists in the soil.

12.2 Destination of the product

Ultimate destination of the product: SOIL.

13. DISPOSAL CONSIDERATIONS

13.1 Waste from residues

Destruction/Disposal:	Recycle waste product as much as possible.
Non recycled product:	
-	Disposal of in accordance with relevant local regulations.
-	Incinerate at a licensed installation.
-	Like many other lubricants and adhesives, textile oils generally dissolve in aqueous media.

13.2 Contaminated packaging

Decontamination/Cleaning:	Not applicable.
Destruction/ Disposal:	Depending on local facilities recycle the packaging or incinerate it at an approved site.

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

14. TRANSPORT INFORMATION

Not classified as hazardous for the purposes of transport by road, rail, sea or air.

NB: The above regulatory prescriptions are those valid on the date of publication of this data sheet.

HYDRODRAIN FC12
SAFETY DATA SHEET

Reference No: SDS-HYD007
Date of issue: 01/07/2021



15. REGULATORY INFORMATION

Not classified as hazardous.

16. OTHER INFORMATION

No other information.

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