

FILLCRETE

Building Solutions

Health & Safety Data

Closed Cell Polyethylene Foam

Trade Names

Brickfill, Aquafill, Backarod, Flankfilla and Frostop 2

1. PRODUCT

Polyolefin Foam blown with Azodicarbonamide and cross linked with Dicumyl Peroxide. Trade names include: Brickfill for use as an expansion joint in brick and blockwork, available in rolls; Aquafill for use as an expansion joint in potable water applications, available in rolls and Backarod circular rod expansion joint for various expansion joint applications.

All products supplied by Fillcrete Limited, Maple House, 5 Over Minnis, New Ash Green, Longfield, Kent DA3 8JA telephone: +44[0]1474 872578 fax: +44[0]1474 872426 e-mail: sales@fillcrete.com

2. HAZARDS IDENTIFICATION

None, as the foams are chemically unreactive and may be regarded as inert.

3. COMPOSITION

Polyethylene Foam blown with Azodicarbonamide and cross linked with Dicumylperoxide. Residual amounts of pigment

4. FIRST AID MEASURES

General information

No medical advice necessary

In case of inhalation

None

In case of skin contact

Closed cell polyethylene foam is not considered to be a skin irritant but since the basic polymer is fairly hard, under some circumstances foams can have a minor abrasive effect on skin.

In case of eye contact

In case of contact from foam particles rinse eyes with water

Ingestion

Considered non toxic in single dose ingestion. Considered physiologically inert.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Water
Foam
Dry Powder
CO₂
None

Special exposure hazards arising from the substrate

None

Special protective equipment

Special measures

After flames have been extinguished, material should be cooled with water to prevent possible self ignition

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Keep away from sources of ignition

Environmental precautions

None

Methods for clearing up

Mechanical handling

7. HANDLING / STORAGE

When cutting foams, it is the user's responsibility to take all reasonable precautions and to exercise all due diligence to ensure that exposure to particles is kept as low as is reasonable practicable. In practical terms users should ensure that when cutting strips or boards they:

- Work in a well ventilated environment
- Use dust control equipment when using any dust generating machine or process

- Wear appropriate personal protection equipment such as gloves, face mask and eye protection
- Safely dispose excessive build up of particles and keep away from ignition sources
- Store in a dry location

8. EXPOSURE CONTROLS

Closed cell polyethylene foam does not contain any constituents, which may be regarded as harmful. It does not pose a risk to personal health when handled and machined in accordance with the guidelines set out above.

9. PHYSICAL AND CHEMICAL PROPERTIES

General remarks

Form	Solid
Colour	White through to black
Odour	Minimal characteristic odour
Melting point/	Softening will occur at 100 – 115 Deg.C and decomposition at c. 300 Deg.C
Flash point	Not applicable
Solubility	Not applicable

10. STABILITY AND REACTIVITY

Hazardous reactions	No hazardous reactions known according to the area of application
Materials to avoid	None
Decomposition	Above 300 Deg.C the foam will pyrolise oxidately to produce carbon dioxide, carbon monoxide and water [together 95-97%], Aethin [C ₂ H ₂] 2-4%, Aethin {C ₂ H ₄ } <1% and Ammonia <1%.

11. TOXICOLOGICAL INFORMATION

Acute toxicity/irritability/sensitisation	
Irritability Skin	Please see 4. First Aid Measures
Irritability eye	Please see 4. First Aid Measures
General remarks	No known acute toxicological effects

12. ECOLOGICAL INFORMATION

Toxicity	None
Biological degradability	Non Biodegradable
General remarks	Material has no ecologically harmful effects

13. DISPOSAL CONSIDERATIONS

Disposal	By controlled incineration at approved facilities or in accordance with local regulations. Foam may also be ground for recycling
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14. TRANSPORT INFORMATION

Non hazardous material and not classified as dangerous goods.

15. REGULATORY INFORMATION

The product does not require a hazard warning label in accordance with EC directives. The manufacturer, declares, that all substances used have been pre-registered up to November 30th 2008 as per article 28 of the REACH legislation (1907/2006 EU).

16. OTHER INFORMATION

The information given is correct to the best of our knowledge at the time of publication but without guarantee of accuracy. It does not represent a guarantee of the properties of the product. We do not accept any responsibility for damage and claims arising from handling, transport, storage or disposal of the product. This data sheet applies only to the products named above. If the product is used as parts of other products, information in the safety data sheet may be invalidated. No warranty is hereby expressed or implied

This Data Sheet is valid from January 2015

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