

FILLCRETE

Building Solutions

Health & Safety Data

Closed Cell Polyethylene Foam

Trade Names

Brickfill, Aquafill, and Backarod

1. PRODUCT	Polyolefin Foam blown with Azodicarbonamide and cross linked with Dicumyl Peroxide.
2. HAZARDOUS INGREDIENTS	None as the foams are chemically unreactive and may be regarded as inert.
3. IDENTIFIED USE	Expansion Joint Filler strip or sheets for use in brickwork and concrete structures.
4. CURRENT REGULATIONS	Consumer Protection Act 1987 Control of Substances Hazardous to Health Regulations [COSHH] 2002 as amended Health and Safety at Work Act 1974 Registration Evaluation and Authorisation of Chemicals (1907/2006 EU)
5. HEALTH RISK TO USERS	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 below.
6. 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.
7. HANDLING / MACHINING	
	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:
	<ul style="list-style-type: none">• 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. FIRE FIGHTING MEASURES	
Suitable extinguishing media	Water Foam
Extinguishing media that must not be used	None
Special exposure hazards arising from the substrate	None
Special protective equipment	None

9. ACCIDENTAL RELEASE MEASURES

Personal precautions	Keep away from sources of ignition
Environmental precautions	None
Methods for clearing up	Mechanical handling

10. PHYSICAL AND CHEMICAL PROPERTIES

General remarks	
Form	Solid
Colour	White through to grey
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

11. 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%.

12. TOXICOLOGICAL INFORMATION

Acute toxicity/irritability/sensitisation	
Irritability Skin	Please see 6. First Aid Measures
Irritability eye	Please see 6. First Aid Measures
General remarks	No known acute toxicological effects

13. ECOLOGICAL INFORMATION

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

14. DISPOSAL CONSIDERATIONS

Disposal	By controlled incineration at approved facilities or in accordance with local regulations
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15. TRANSPORT INFORMATION

Non hazardous material and not classified as dangerous goods.

16. REGULATORY INFORMATION

The product does not require a hazard warning label in accordance with EC directives.

17. REACH REGULATIONS

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).

18. 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 product 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

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