

Reticulated Foam

1. DESCRIPTION

1.1 Product Name

Reticulated Foam (Bulpren D32133)

1.2 Uses

Seal against driving rain in applications where a conventional profiled filler seal cannot be used.

1.3 Supplier

Premier Sealant Systems Ltd., Mercia Way, Foxhills Industrial Park, Scunthorpe, North Lincolnshire, DN15 8RE

T: 01724 864 100

2. HAZARDS IDENTIFICATION

2.1 Hazard Category

Nil.

2.2 Risk Phases

None identified.

2.3 D.G Class

Not classified as dangerous goods.

2.4 Subsidiary Risk

Nil.

2.5 Poison Schedule

Not listed.

Premier Sealant Systems Ltd.

T 01724 864 100 | E sales@sealprem.com | www.sealprem.com

Mercia Way, Foxhills Industrial Park, Scunthorpe, DN15 8RE

Registered Office: Mercia Way, Foxhills Industrial Park, Scunthorpe, DN15 8RE | Registered in Cardiff No. 3000843

3. COMPOSITION & INFORMATION ON INGREDIENTS

3.1 Composition

Polyurethane polymer. Poly-addition product of isocyanates, polyether/ polyester polyols and water, controlled by catalysts, stabilizers and other additives, resulting in a cellular polyurethane foam.

3.2 Statement

This product does not contain any hazardous ingredients at or above regulated thresholds.

4. FIRST AID MEASURES

4.1 Eye Contact

In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Get medical attention if irritation occurs.

4.2 Skin Contact

No adverse effects known following contact with PU foam.

4.3 Inhalation

No adverse effect known by inhalation following contact with PU foam.

4.4 Ingestion

There is no evidence that PU foam is toxic in case of ingestion. LD50(oral-rats) < 5.000 mg/kg. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, get a medical advice immediately.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Water spray, foam, dry chemical powder, carbon dioxide, sand.

5.2 Specific Hazards

The material is stable under normal conditions. On decomposition gives off carbon dioxide, carbon monoxide and other complex fumes.

Premier Sealant Systems Ltd.

T 01724 864 100 | E sales@sealprem.com | www.sealprem.com

Mercia Way, Foxhills Industrial Park, Scunthorpe, DN15 8RE

Registered Office: Mercia Way, Foxhills Industrial Park, Scunthorpe, DN15 8RE | Registered in Cardiff No. 3000843

5.3 Special Fire-Fighting Procedures

Do not use jet water.

5.4 Fire-Fighter

Fire fighters should use self-contained breathing apparatus. Should the burning foam come in contact with skin, cool the burned area with water without removing the foam. In case of serious burns call a doctor immediately. In the event of persons inhaling combustion gases, they must be removed from the area and given swift medical attention.

6. ACCIDENTAL RELEASE MEASURES

6.1 Small Spills

N/A

6.2 Large Spills

N/A

7. HANDLING & STORAGE

7.1 Storage

Store away from heat sources (match, cigarette, open fire, electrical heater, ...). UV rays may cause surface discoloration. This does not affect the physical properties of the foam. Store in compliance with safety standards established by local Authorities and by specific requirements of the Insurance Companies

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1 Biological Limits Values

No biological limit allocated.

8.2 Engineering Controls

Local exhaust ventilation is necessary for some operations i.e. where dust is produced from sawing, buffing or crumbing operations or where fumes are produced in flame laminating, thermo-forming or hot wire cutting.

8.3 Personal Protection

Respiratory	In case of dust generating operations skin protective clothes and appropriate respiratory masks are recommended.
Skin & Body	None required; however use of protective clothing is good industrial practice.
Hand Protection	None required; however use of protective clothing is good industrial practice.
Eye Protection	Protective goggles should be worn for processes which generate dust.

9. PHYSICAL & CHEMICAL PROPERTIES

9.1 Properties

Physical Appearance	Cellular material pieces (foam) with elastic properties.
Colour	Black
Flash Point	Between 315°C to 370°C
Vapour Density	Not available
Viscosity	Not available
pH	Not available
Boiling Point/Range	Not available
Specific Gravity Solubility	Insoluble in water

10. STABILITY & REACTIVITY

10.1 Stability

The product is stable under normal conditions and use.

Premier Sealant Systems Ltd.

T 01724 864 100 | E sales@sealprem.com | www.sealprem.com

Mercia Way, Foxhills Industrial Park, Scunthorpe, DN15 8RE

Registered Office: Mercia Way, Foxhills Industrial Park, Scunthorpe, DN15 8RE | Registered in Cardiff No. 3000843

11. TOXICOLOGY INFORMATION

11.1 Acute Effects

No adverse health effects are expected if the product is handled in accordance with the Material Safety Data Sheet. Symptoms that may arise if the product is miss handled are:

Ingestion	There is no evidence that PU foam is toxic in case of ingestion. LD50(oral-rats) < 5.000 mg/kg
Eye	Dust particles may cause a mild irritation to eyes.
Skin	No adverse effects known following contact with PU foam..
Inhaled	Not hazardous at ambient temperatures. Vapours generated at elevated temperatures (fire) may cause irritation to nose, throat and respiratory tract.

11.2 Long Term Effects

None identified.

11.3 Acute & Chronic Toxicity

None identified.

12. ECOLOGICAL INFORMATION

Dependent on the type of PU foam, the product is not degradable or degrades slowly. In case of a standard foam fire, the particles that fall in the water are harmless. They are sieved out of the water and/or disintegrated in the water treatment plant. Living organisms in the water are not endangered. PU Flexible Foams do not contain Ozone depleting substances and are not produced using products regulated by pertinent Legislation.

12.1 Disposal Consideration

This material is not such as to be classified as hazardous and may be disposed of in accordance with local regulations e.g. incineration or landfill.

13. TRANSPORT INFORMATION

For road, marine and air transport this product is not classified as dangerous goods within the contact of National Transport Regulations.

UN. No.	Not allocated
Shipping Name	Not applicable
Class	Not classified as dangerous goods
Subsidiary Risk	Nil
Packaging Group	Not applicable
Hazchem Code	Not applicable

Premier Sealant Systems Ltd.

T 01724 864 100 | E sales@sealprem.com | www.sealprem.com

Mercia Way, Foxhills Industrial Park, Scunthorpe, DN15 8RE

Registered Office: Mercia Way, Foxhills Industrial Park, Scunthorpe, DN15 8RE | Registered in Cardiff No. 3000843

EPG	Not applicable
Segregation	Not applicable

14. REGULATORY INFORMATION

Polyurethane foams are not considered to be hazardous products nor as mixtures of dangerous substances. They are identified as industrial polymers. According to EU Regulation 1907/2006EC (REACH) Polyurethane foams are defined as “articles”.

15. OTHER INFORMATION

15.1 Date of Preparation

06.08.2013

15.2 Date of Revision

25.03.2024

11.3 Reasons For Issue

New Information: SDS's are updated frequently. Please ensure you have the current copy. This SDS summarises at the date of issue our best knowledge of health and safety hazard information of the product, and in particular how to handle and use the product in the workplace. Since Premier Sealant Systems Ltd cannot anticipate or control the conditions under which the product may be used each user must, prior to usage, review this SDS in the context to use and handling of the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact Premier Sealant Systems Ltd. Our responsibility for the product as sold is subject to our standard terms and conditions, a copy of which is sent to our customer and is also available upon request.

Premier Sealant Systems Ltd.

T 01724 864 100 | E sales@sealprem.com | www.sealprem.com

Mercia Way, Foxhills Industrial Park, Scunthorpe, DN15 8RE

Registered Office: Mercia Way, Foxhills Industrial Park, Scunthorpe, DN15 8RE | Registered in Cardiff No. 3000843