

Polyethylene - Black

The “REACH” Regulation EC No 1907/2006 of the European Parliament and of the Council dated 18 December 2006 requires suppliers of substances and preparations to provide safety datasheets for substances of concern as defined in Article 31 of the regulation. Our foam products are classed as non hazardous under EU regulations (CLP, REACH) and the Global Harmonised System (GHS). Under REACH our foam products are not considered as substances or preparations but as articles as defined in Article 33 of the regulation. Safety datasheets are not required for articles however to continue providing our customers with guidance relating to the safe handling and information on the composition of our foam products this safety information sheet has been prepared with reference to EC Regulation 1907/2006 Annex II.

1. IDENTIFICATION OF THE SUBSTANCE OR PERPARATION AND OF THE COMPANY

1.1 Product Name

Polyethylene – all densities – black

1.2 Use of the Product

Foam sheet to be used as produced of for conversion into articles. Applications include but are not limited to construction, industrial, medical, packaging or transport applications.

1.3 Supplier of the safety data sheet

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

T: 01724 864 100

2. HAZARD IDENTIFICATION

In the event of fire, decomposition products may include acrolein, other aldehydes, carbon monoxide and carbon dioxide. May generate static electricity.

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3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	EINECS Number	Risk Phrases	Content in Weight %
Polyethylene	9002-88-4	N/A	-	>98
Carbon Black	1333-86-4	215-609-9	-	< 2

4. FIRST AID MEASURES

Inhalation	No hazard in normal use
Skin Contact	No hazard in normal use
Eye Contact	Wash with water
Ingestion	Wash mouth and seek medical advice

5. FIRE-FIGHTING MEASURES

Water spray recommended, other extinguishing agents may be used. Decomposition products may include acrolein, other aldehydes, carbon monoxide and carbon dioxide.

Additional Advice: This product supports combustion and may continue to burn on removal of the source.

6. ACCIDENTAL RELEASE MEASURES

Not relevant.

7. HANDLING AND STORAGE

7.1 Handling

Provision should be made for sufficient ventilation and local exhaust where dust/fumes may be produced. Avoid dust generation. Where dust is produced, measure must be taken to avoid static electricity discharge. Equipment used should be electrically earthed and fitted with static elimination devices.

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7.2 Storage

Store in a dry well ventilated area away from direct sunlight, heat and ignition sources. The appropriate company regulations for fire prevention are to be followed. Keep away from strong oxidising agents.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

No special precautions are necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 General Information

Appearance	Foam
Odour	None

9.2 Important health, safety and environmental information

Flash Point	>300°C
Autoflammability	>300°C
Decomposition Explosive Properties	None
Vapour Pressure	Not Applicable
Relative Density	Polymer 0.92 g/cm ³ Foam 0.015 – 0.070 g/cm ³
Solubility in Water	Insoluble

9.3 Other Information

Melting Point	~107°C by DSC
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10. STABILITY AND REACTIVITY

10.1 Conditions to avoid

Contact with sources of ignition. Decomposes above 300°C.

10.2 Materials to avoid

Strong oxidising agents.

10.3 Hazardous decomposition products

May include acrolein, other aldehydes, carbon monoxide and carbon dioxide.

11. TOXICOLOGICAL INFORMATION

In normal use no toxic effects are known.

12. ECOLOGICAL INFORMATION

Material is inert and insoluble in water.

13. DISPOSAL INFORMATION

Dispose according to local regulations. Recycling is possible.

14. TRANSPORT INFORMATION

Sea (IMDG) Material is classed as non-hazardous

Road (ADR)

Rail (RID)

Air (ICAO/IATA)

15. REGULATORY INFORMATION

None.

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