



PLASTAZOTE FOAM
POLYETHYLENE FOAM

HD GRADES BLACK
ALL DENSITIES

Material Safety Data Sheet

This safety data sheet has been prepared in accordance with the requirements of EC Regulation 1907/2006 Annex II and all its amendments to date of publication of this document, and provides information relating to the safe handling of the product.

1) Identification of the Substance or Preparation and of the Company

- 1.1 Product Name**
Plastazote® HD - all densities - black
- 1.2 Use of the Product**
Foam sheet to be used as produced or for conversion into articles. Applications include but are not limited to construction, industrial, medical, packaging or transport applications.
- 1.3 Company**
Zotefoams plc
675 Mitcham Road
Croydon
CR9 3AL
United Kingdom
email: msds@zotefoams.com
- 1.4 Emergency Contact**
Director of Technology & Development
Telephone: +44 (0) 208 664 1600

2) Hazard Identification

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

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.



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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.

7.2 Storage

Store in a dry well ventilated area away from direct sunlight, heat and ignition sources. The appropriate comparative 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 g/cm³
Foam 0.030 to 0.115 g/cm³
Solubility in water: Insoluble

9.3 Other Information

Appearance: ~130 °C by DSC

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.



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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

16) Other Information

16.1 Risk phrases

None

16.2 Further technical information

For information on mechanical and physical properties of the foam please visit the technical section of our website (www.zotefoams.com) or contact our technical support team.

16.3 Changes from last issue

Update to comply with latest regulations:

- Addition of uses
- Addition of EINECS numbers
- Addition of risk phrases
- Reference to REACH regulations as required