



**ZOTEFOAMS**

**PLASTAZOTE® FOAM**  
POLYETHYLENE FOAM

**LD GRADES BLACK**  
ALL DENSITIES

## **SAFETY INFORMATION SHEET**

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 Preparation and of the Company**

#### **1.1 Product Name**

Plastazote® LD – 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](mailto:msds@zotefoams.com)

#### **1.4 Emergency Contact**

Director of Technology & Development  
Telephone: +44 (0) 208 664 1600

### **2. Hazard Identification**

#### **2.1 Classification of the substance or mixture**

In the event of fire or prolonged exposure to high temperatures, thermal decomposition products may result in the generation of toxic and corrosive products.  
May generate static electricity.

### **3. Composition / Information on Ingredients**

<b>Chemical Name</b>	<b>CAS number</b>	<b>EINECS number</b>	<b>Risk phrases</b>	<b>Content in weight %</b>
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. If irritation persists, seek medical attention  
Ingestion: Wash mouth and seek medical advice



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**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.

**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 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: > 300 °C

Explosive Properties: None

Vapour Pressure: Not Applicable

Relative Density: Polymer **0.92 g/cm<sup>3</sup>**

Foam **0.03 – 0.05 g/cm<sup>3</sup>**

Solubility in Water: Insoluble

**9.3 Other Information**

Melting Point: ~107 °C by DSC

**10. Stability and Reactivity**

**10.1 Conditions to avoid**

Contact with sources of ignition. Temperatures above the thermal decomposition temperature

**10.2 Materials to avoid**

Strong oxidising agents



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**10.3 Hazardous decomposition products**

May generate toxic and corrosive gases. Decomposition products may include carbon monoxide, ammonia, amine derivatives, nitriles, and hydrocarbons.

**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](http://www.zotefoams.com)) or contact our technical support team.