



**ZOTE FOAMS**

## **PLASTAZOTE FOAM**

**POLYETHYLENE FOAM**

### **HD GRADES COLOURS**

**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 - colours

**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**

<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	-	96 - 100
Pigments	various	various	-	0 - 4

### **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/cm<sup>3</sup>  
Foam 0.030 to 0.115 g/cm<sup>3</sup>  
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)  
Road (ADR)  
Rail (RID)  
Air (ICAO/IATA)

Material is classed as non-hazardous

### **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.

#### **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