

ZOTEFOAMS plc

MSDS-2 PLASTAZOTE FOAM LD BLACK

MATERIAL SAFETY DATA SHEET (SICHERHEITSDATEN BLATT)

This material safety data sheet has been prepared in accordance with the requirements of EC Directive 88/379/EEC and 91/155/EEC and provides information relating to the safe handling of the product.

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY (STOFF-/ZUBEREITUNGS UND FIRMENBEZEICHNUNG)

1.1 Product Name (Handelsname):

Plastazote Foam – LD Black (All densities)

1.2 Company Name (Hersteller/Lieferant):

Zotefoams plc

1.3 Emergency Contact:

Safety Advisor

2. COMPOSITION/INFORMATION ON INGREDIENTS (ZUSAMMENSETZUNG / ANGABEN ZU BESTANDTEILEN)

<u>Chemical Name</u>	<u>CAS No.</u>	<u>% by Wt.</u>
Polyethylene	9002-88-4	98-99
Carbon Black	1333-86-4	1-2

3. HAZARDS IDENTIFICATION (MÖGLICHE GEFAHREN)

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

May generate static electricity

4. FIRST AID MEASURES (ERSTE-HILFE MASSNAHMEN)

Inhalation: No hazard in normal use

Skin Contact: No hazard in normal use

Eye Contact: Wash with water

Ingestion: Wash mouth and seek medical attention

**5. FIRE FIGHTING MEASURES
(MASSNAHMEN ZUR BRANDBEKÄMPFUNG)**

Water spray recommended, other extinguishing agents may be used

Decomposition products may include acrolein, other aldehydes, carbon monoxide and carbon dioxide.

**6. ACCIDENTAL RELEASE MEASURES
(MASSNAHMEN BEI UNBEABSICHTIGTER FREISETZUNG)**

Not relevant

7. HANDLING AND STORAGE (HANDHABUNG UND LAGERUNG)

Store at ground level away from direct sunlight and heat sources.

Keep away from strong oxidising agents

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION
(EXPOSITIONSBEGRENZUNG UND PERSÖNLICHE
SCHUTZAUSRÜSTUNG)**

No special precautions are necessary

9. PHYSICAL AND CHEMICAL PROPERTIES (PHYSIKALISCHE UND TECHNISCHE EIGENSCHAFTEN)

9.1 General Properties

Form: Foam
Colour: Black
Odour: None

9.2 Specific Properties

Melting Point: 107 °C by DSC
Flash Point: >300 °C
Autoflammability: >300 °C
Explosive Properties: None
Vapour Pressure: Not Applicable
Density:
 - **Polymer:** 0.92 g/cm³ nominal
 - **Foam:** 0.015 to 0.070 g/cm³ nominal
Solubility in water: Insoluble

10. STABILITY AND REACTIVITY (STABILITÄT UND REAKTIVITÄT)

Chemical Stability: Decomposes above 300 °C
Conditions to Avoid: Contact with sources of ignition
Materials to Avoid: Strong oxidising agents
Hazardous Decomposition Products: May include acrolein and other aldehydes

11. TOXICOLOGICAL INFORMATION (ANGABEN ZUR TOXIKOLOGIE)

No toxic effects are known

12.	ECOLOGICAL INFORMATION (ANGABEN ZUR ÖKOLOGIE)	
	Material is inert and insoluble in water	
13.	DISPOSAL CONSIDERATION (HINWEISE ZUR ENTSORGUNG)	
	Landfill or controlled burning	
	Recycling is possible	
14.	TRANSPORT INFORMATION (ANGABEN ZUM TRANSPORT)	
	IMDG	Material is classified as non-hazardous
	ICAO-TI	
	RID/ADR	
15.	REGULATORY INFORMATION (VORSCHRIFTEN)	
	None	
16.	OTHER INFORMATION (SONSTIGE ANGABEN)	
	None	

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