



MSDS-2

Zotefoams plc

LD Black

MATERIAL SAFETY DATA SHEET

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 (Handelsname):
Plastazote Foam - LD Black

1.2 Company Name (Hersteller/Lieferant):
Zotefoams plc

1.3 Emergency Contact:
Safety Advisor

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

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

3. HAZARDS IDENTIFICATION (MOGLICHE GEFAHREN)

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

4. FIRST AID MEASURES (ERSTE-HILFE MASSNAHMEN)

| | |
|---------------|--------------------------------|
| Inhalation: | <i>No hazard in normal use</i> |
| Skin Contact: | <i>No hazard in normal use</i> |

| | |
|--|--|
| Eye Contact: | <i>Wash with water</i> |
| Ingestion: | <i>Wash mouth and seek medical attention</i> |
| 5. FIRE FIGHTING MEASURES (MASSNAHMEN ZUR BRANDBEKÄMPFUNG) | |
| <i>Water spray recommended, other extinguishing agents may be used. Decomposition products may include acrolein and other aldehydes.</i> | |
| 6. ACCIDENTAL RELEASE MEASURES (MASSNAHMEN BEI UNBEABSICHTIGTER FREISETZUNG) | |
| <i>Not relevant</i> | |
| 7. HANDLING AND STORAGE (HANDHABUNG UND LAGERUNG) | |
| <i>Store at ground level away from direct sunlight and heat sources. Keep away from strong oxidising agents.</i> | |
| 8. EXPOSURE CONTROLS/PERSONAL PROTECTION (EXPOSITIONSBEGRENZUNG UND PERSONLICHE SCHUTZAUSRÜSTUNG) | |
| <i>No special precautions are necessary.</i> | |
| 9. PHYSICAL AND CHEMICAL PROPERTIES (PHYSIKALISCHE UND TECHNISCHE EIGENSCHAFTEN) | |
| 9.1 General Properties | |
| Form: | <i>Foam</i> |
| Colour: | <i>Black</i> |
| Odour: | <i>None</i> |
| 9.2 Specific Properties | |
| Melting Point: | <i>107°C by DSC</i> |
| Flash Point: | <i>>300°C</i> |
| Autoflammability: | <i>>300°C</i> |
| Explosive Properties: | <i>None</i> |
| Vapour Pressure: | <i>Not applicable</i> |
| Density - Polymer: | <i>0.92 g/cm³</i> |
| Density - Foam: | <i>0.015 g/cm³ to 0.070 g/cm³ nom.</i> |
| Solubility in Water: | <i>Insoluble</i> |
| 10. STABILITY AND REACTIVITY (STABILITÄT UND REAKTIVITÄT) | |
| Chemical Stability: | <i>Decomposes above 300°C</i> |
| Conditions to Avoid: | <i>Contact with sources of ignition</i> |
| Materials to Avoid: | <i>Strong oxidising acids</i> |
| Hazardous Decomposition Products: | <i>May include acrolein and other aldehydes</i> |
| 11. TOXICOLOGICAL INFORMATION (ANGABEN ZUR TOXIKOLOGIE) | |
| <i>No toxic effects are known.</i> | |
| 12. ECOLOGICAL INFORMATION (ANGABEN ZUR ÖKOLOGIE) | |

Material is inert and insoluble in water.

13. DISPOSAL CONSIDERATIONS (HINWEISE ZUR ENTSORGUNG)

*Landfill or controlled burning.
Recycling is possible.*

14. TRANSPORT INFORMATION (ANGABEN ZUM TRANSPORT)

IMDG
ICAO-TI
RID/ADR

Material is classed as non-hazardous

15. REGULATORY INFORMATION (VORSCHRIFTEN)

None

16. OTHER INFORMATION (SONSTIGE ANGABEN)

None

