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**Zotefoams plc**

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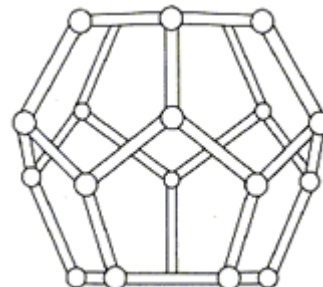


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**HD Black**

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MSDS-4



## 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.		
<b>1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY (STOFF-/ZUBREITUNGS UND FIRMENBEZEICHNUNG)</b>		
1.1 Product (Handelsname): <i>Plastazote Foam - HD Black</i>		
1.2 Company Name (Hersteller/Lieferant): <i>Zotefoams plc</i>		
1.3 Emergency Contact: <i>Safety Advisor</i>		
<b>2. COMPOSITION/INFORMATION ON INGREDIENTS (ZUSAMMENSETZUNG / ANGABEN ZU BESTANDTEILEN)</b>		
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>
<b>3. HAZARDS IDENTIFICATION (MOGLICHE GEFAHREN)</b>		
<i>In the event of fire, decomposition products may include acrolein and other aldehydes. May generate static electricity.</i>		
<b>4. FIRST AID MEASURES (ERSTE-HILFE MASSNAHMEN)</b>		
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>	
<b>5. FIRE FIGHTING MEASURES (MASSNAHMEN ZUR BRANDBEKAMPFUNG)</b>		
<i>Water spray recommended, other extinguishing agents may be used. Decomposition products may include acrolein and other aldehydes.</i>		
<b>6. ACCIDENTAL RELEASE MEASURES (MASSNAHMEN BEI UNBEABSICHTIGTER FREISETZUNG)</b>		

<i>Not relevant</i>	
<b>7. HANDLING AND STORAGE (HANDHABUNG UND LAGERUNG)</b>	
<i>Store at ground level away from direct sunlight and heat sources. Keep away from strong oxidising agents.</i>	
<b>8. EXPOSURE CONTROLS/PERSONAL PROTECTION (EXPOSITIONSBEGRENZUNG UND PERSONLICHE SCHUTZAUSRUSTUNG)</b>	
<i>No special precautions are necessary.</i>	
<b>9. PHYSICAL AND CHEMICAL PROPERTIES (PHYSIKALISCHE UND TECHNISCHE EIGENSCHAFTEN)</b>	
<b>9.1 General Properties</b>	
Form:	<i>Foam</i>
Colour:	<i>Black</i>
Odour:	<i>None</i>
<b>9.2 Specific Properties</b>	
Melting Point:	<i>130°C by DSC</i>
Flash Point:	<i>&gt;300°C</i>
Autoflammability:	<i>&gt;300°C</i>
Explosive Properties:	<i>None</i>
Vapour Pressure	<i>Not applicable</i>
Density - Polymer:	<i>0.95 g/cm<sup>3</sup></i>
Density - Foam:	<i>0.030 g/cm<sup>3</sup> to 0.115 g/cm<sup>3</sup> nom.</i>
Solubility in Water:	<i>Insoluble</i>
<b>10. STABILITY AND REACTIVITY (STABILITÄT UND REAKTIVITÄT)</b>	
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>
<b>11. TOXICOLOGICAL INFORMATION (ANGABEN ZUR TOXIKOLOGIE)</b>	
<i>No toxic effects are known.</i>	
<b>12. ECOLOGICAL INFORMATION (ANGABEN ZUR ÖKOLOGIE)</b>	
<i>Material is inert and insoluble in water.</i>	
<b>13. DISPOSAL CONSIDERATIONS (HINWEISE ZUR ENTSORGUNG)</b>	
<i>Landfill or controlled burning. Recycling is possible.</i>	
<b>14. TRANSPORT INFORMATION (ANGABEN ZUM TRANSPORT)</b>	
IMDG ICAO-TI RID/ADR	<i>Material is classed as non-hazardous</i>
<b>15. REGULATORY INFORMATION (VORSCHRIFTEN)</b>	
<i>None</i>	

16. OTHER INFORMATION (SONSTIGE ANGABEN)
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<i>None</i>
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