



ZOTEFOAMS

ZOTEK FOAM
POLYAMIDE FOAM

N C GRADES GREY
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

ZOTEK® N C - all densities - grey

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
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1.4 Emergency Contact

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

2. Hazard Identification

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

Chemical Name	CAS number	EINECS number	Risk phrases	Content in weight
Polyamide 11	25035-04-5	n/a	-	>99
Carbon Black	1333-86-4	215-609-9	-	< 1

4. First Aid Measures

Inhalation:	No hazard in normal use. Should accidental inhalation of fumes or thermal decomposition products occur, move to fresh air and seek medical attention immediately. Symptoms may appear several hours after exposure.
Skin Contact:	No hazard in normal use. On contact with hot product: cool skin rapidly with cold water after contact with molten polymer. Do not attempt to remove adhered polymer. Treat area as thermal burn and seek medical attention
Eye Contact:	Wash with water. If irritation persists, seek medical attention.
Ingestion:	Wash mouth and seek medical advice

5. Fire-Fighting Measures

Water Spray, Foam, Carbon dioxide are suitable extinguishing agents.

Wear self-contained breathing apparatus and protective clothing. Prevent exposure of skin and eyes to decomposition products.

Decomposition products may include carbon monoxide, ammonia, amino derivatives and traces of hydrocyanic acid.

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

For operations where dust/fumes may be released observe local/national regulations/guidance regarding exposure. Ensure local ventilation during processing and handling, suitable for the risk of decomposition. Toxic or corrosive degradation products may be released during high temperature operations.

9. Physical and Chemical Properties

9.1 General Information

Appearance: Foam sheet

Odour: None

9.2 Important health, safety and environmental information

Flash point:

Autofammability:

Decomposition: >350°C

Explosive properties: None

Vapour pressure: Not Applicable

Relative density: Polymer 1.02 g/cm³

Foam 0.035 to 0.1 g/cm³

Solubility in water: Insoluble

9.3 Other Information

Melting Point: ~181°C by DSC

10. Stability and Reactivity

10.1 Conditions to avoid

Avoid exposure to heat, flames and sparks.

10.2 Materials to avoid

Strong oxidising agents

10.3 Hazardous decomposition products

May generate toxic and corrosive gases. Decomposition products may include carbon monoxide, ammonia, amine derivatives, carbon oxides and hydrocyanic acid(traces).

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 (ICOA/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) or contact our technical support team.

16.3 Changes from last issue