

MATERIAL SAFETY DATA SHEET**POLYETHYLENE FOAM**

Revision Date: 08/12/2005

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING

- 1.1. PRODUCTS IDENTIFICATION:** Polythene Foam
- 1.2. USE OF SUBSTANCE:** No information supplied
- 1.3. COMPANY:** Ramfoam Limited
84 Birmingham Road
Dudley
West Midlands
DY1 4RJ
Telephone Number: 01384 453160
Fax Number: 01384 254955
- 1.4. EMERGENCY TELEPHONE:** 01384 453160

2. HAZARDS IDENTIFICATION

This product is not classed as hazardous

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance (Abbreviation)	Substance (Chemical Name)	CAS No:	% PHR
LDPE	Polyethylene	9002-88-4	100%
DCP	Dicumylperoxide	80-43-3	<1%
ADCA	Azodicarbonamide	123-77-3	>20%
MB	Organic Pigment		<3%

4. FIRST-AID MEASURES**Ingestion:**

If material has been ingested, seek medical advice

Skin Contact:

There is no risk and no need to work with gloves

Eye Contact:

Rinse eyes with water. In case of an uncomfortable sensation, consult a doctor or ophthalmologist

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5. FIRE-FIGHTING MEASURES**Extinguishing Media****Suitable:**CO₂, H₂O, Foam, Dry chemical powder

During a fire it is advisable to cool the material with water. Material that was not ignited should, if possible, be removed from the vicinity of the fire to a safe area. Care must be taken not to stand underneath burning material, dripping of burning molten material may occur.

Smoke may contain toxic substances; it is therefore advisable to wear a mask.

Even after the flames have been extinguished, the material should be cooled with water, in order to prevent a renewed outbreak of the fire due to self-ignition.

6. ACCIDENTAL RELEASE MEASURES**Personal Precautions:**

See Section 8

Environmental Precautions:

None necessary

Methods for Cleaning Up/Taking Up:

Can be cleaned by any acceptable method. Dust and fragments may be vacuumed, swept or blown away by use of air pressure.

7. HANDLING AND STORAGE**Handling:**

No restrictions

Advice on Protection against Fire and Explosion:

It is advisable to store in a ventilated warehouse on pallets raised off the ground

The blocks should be packed in perforated polyethylene sheeting for ventilation. The material must not be stored outside, particularly in rain or the sun. Shrink-wrap is not advisable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Engineering Measures to Reduce Exposure:**

If dust or vapour is above the recommended level, use local extraction apparatus (likely only in the case of a fire).

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Personal Protection Equipment:

No information supplied

Respiratory Protection:

When cleaning fragments with air pressure, a protective mask should be worn over the nose and mouth.

Hand Protection:

There is no need for gloves

Eye Protection:

Protective goggles should be used when cleaning fragments with air pressure.

Skin and Body Protection:

There is not need for any protective measures

9. PHYSICAL AND CHEMICAL PROPERTIES

State:	Foam PE
Colour:	Various
Odour:	None
Melting Point:	N/A
Density:	25-200kg/m ³
Decomposition Temp:	400°C
Boiling Point:	N/A
Vapour Pressure:	N/A
Auto Ignition:	N/A
Flash Point:	N/A
Explosion Risk:	N/A
Water Solubility:	None

10. STABILITY AND REACTIVITY**Stability:**

Stable

Conditions to Avoid:

Temperatures over 150°C

Hazardous Combustion Products:

Hydrocarbons, CO, Trace Ammonia

Hazardous Polymerisation:

Will not occur

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11. TOXICOLOGICAL INFORMATION**Skin:**

No toxicity

Ingestion:

Uncomfortable if swallowed in large quantities

Inhalation:

A high concentration of dust and fragments may cause nausea

Chronic Toxicity:

ACGIH-A2 Vinyl Acetate is classified as A3 by ACGIH. All of the above refers to additives before foaming. The concentrations in foamed materials are very low, rendering them much less hazardous.

12. ECOLOGICAL INFORMATION**Details for Elimination:**

The waste can be buried at an appropriate site or burned in a furnace. The foam can also be ground down for the production of recycled foams.

Performance in Ecological Sub System:**Ecotoxicity:**

Foam - none

13. DISPOSAL CONSIDERATIONS**Waste from Residues/Unused:**

Dispose of in accordance with local regulations

Contaminated Packaging:**14. TRANSPORT INFORMATION**

ADR/RID-HI/UN No: Not Classified

PROPER SHIPPING NAME:

IMDG-UN No: None

PROPER SHIPPING NAME:

MFAG:

ICAO:

PROPER SHIPPING NAME:

MARINE POLLUTANT: No

MDG PAGE:

UNI/ID No:

CLASS:

CLASS:

EMS:

CLASS:

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15. REGULATORY INFORMATION

Classification according to European directive on classification of hazardous preparations 88/379/EEC

Symbols:**R-Phrases:****S-Phrases:****16. OTHER INFORMATION****Recommended Use:**

For industrial use only