



1. Substance / Preparation and Company Name:

Product Name: FASTFIL™
Common Name: Expanded Polystyrene Loose Fill Packaging

Manufactured Under Licence For: Kingfisher Packaging
Pleamore Cross Business Park,
Wrangway,
Wellington,
Somerset, TA21 9AQ

2. Composition / Information on Ingredients:

Components: Polystyrene
Pentane CAS Number 109-660, Content : < 2 % (weight)

3. Hazard Identification:

Eye: Rough or careless handling may cause abrasive irritation
Skin Contact: Non irritating
Inhalation: Low toxicity
Ingestion: Low toxicity

4. First Aid Measures:

Eye: Flush eyes with water as appropriate
Skin Contact: Wash with soap and water
Inhalation: Remove to fresh air
Ingestion: If swallowed seek medical attention as may cause gastrointestinal blockage

5. Fire Fighting Measures:

Extinguishing Media: All certified extinguishing agents are permitted
Special risks: Pentane can diffuse and form explosive mixtures with air
Special safety equipment: None

6. Accidental Release Measures:

Spill and Leak Procedures: Sweep or scoop up and remove
Personal Precautionary Measures: Keep away from ignition sources
Measures for Environmental Protection: Keep away from ignition sources



7. Handling and Storage

Handling: No specific demands
Storage: Store in dry conditions
Storage Temperature: Ambient
Ventilation: General

8. Exposure Controls / Personal Protection

Ventilation: General
Eye Protection: Safety glasses optional
Gloves: Optional
Clothing: N/A
Wash: Wash with soap and water
Respirator: N/A

9. Physical and Chemical Properties:

Form: "S"-form
Colour: White
Odour: Faint specific odour

Pentane:	<u>Bead</u>	<u>Expanded</u>
Explosion limits: lower	0.5 Vol%	0.1 Vol%
Explosion limits: upper	2.0 Vol %	0.5 Vol%

Manufacturer uses pentane monitoring equipment on bead and finished bags. Finished bags stored for 24 hours show no visible indication on pentane meter.

Solubility in water: Insoluble
Solubility in other solvents: Soluble in organic solvents

10. Stability and Reactivity:

Conditions to Avoid: Forming, with increased liberation of blowing agent, at above 70°C. Start to decompose at 220°C
Products to Avoid: Organic solvents
Hazardous Decomposition Products: No decomposition if used as directed

11. Toxicological Information:

In our experience and according to information available to use the product is not harmful to health provided it is correctly handled and processed according to the given recommendations.



12. Ecological Information:

Degradability: Due to the consistency of the product, and its insolubility in water, it will apparently not be biodegradable
Ecotoxic Effects: Toxicity to fish: none

13. Disposal consideration:

Disposal: The product should be reused or recycled.

14. Transport Information:

Land Transport (Finished Product): No hazardous conditions as in 3-7/9-13/16

15. Regulatory Information:

Not subjected to labelling.

16. Other Information:

None

These statements describe exclusively the security requirements of the product and rely after best knowledge on the current state of our knowledge. They represent however no assurance of characteristics of the product in the sense of liability directions and/or guarantee directions and result non-binding.