



3D-PIR MATERIAL SAFETY DATA SHEET

3D PIR Issue 01/07

1.) PRODUCT IDENTIFICATION

3D PIR Foam

Supplied by: 3D Insulation Ltd
22-22A Moss Lane Industrial Estate
Royton
Oldham
OL2 6HR

Phone – 01706 299847

2.) COMPOSITON

Rigid Cellular Polyisocyanurate Foam

3.) HAZARDS IDENTIFICATION

This product is not classed as hazardous under normal conditions.

Inhalation	Dust created during machining may cause irritation.
Skin	Prolonged handling may cause irritation
Eyes	Eye contact is possible under dusty conditions and may cause irritation.
Ingestion	May cause mouth irritation.

4.) FIRST AID MEASURES

Inhalation	Remove to fresh air. Seek medical attention in extreme cases.
Skin	Wash with soap and clean water.
Eyes	Flush with clean water.
Ingestion	Seek medical attention if discomfort is persistent.



5.) FIRE FIGHTING MEASURES

Although foam does not pose a high fire risk, normal precautions should be taken to avoid ignition.

In the event of a fire smoke will reduce visibility. Harmful combustion gases such as carbon monoxide will be produced and fire fighters should use breathing apparatus.

Dust is classified as weakly explosive.

Suitable fire fighting media – Water, CO₂, Foam.

6.) ACCIDENTAL RELEASE MEASURES

Not applicable.

7.) HANDLING & STORAGE

a.) Store away from ignition and radiant heat sources.

b.) Do not stack boxes higher than 3m high.

c.) Store product in a dry environment.

d.) Product is not robust and should be stored and handled with care.

8.) EXPOSURE CONTROLS

Dust is not a hazard under normal handling conditions and is classed as nuisance Dust with an exposure limit of 10mg/m³.

Inhalation

If product is being machined local exhaust ventilation should be used to keep dust at an acceptable level.
During hand cutting the wearing of a particle mask may be required.

Skin

Rubber gloves should be worn for persistent handling.

Eyes

Eye protection would not normally be needed, unless product is being cut in a confined space.



9.) PHYSICAL & CHEMICAL PROPERTIES

Appearance	Grey/Green Rigid Foam
Odour	Negligible
Density	33 – 120 kg/m ³
Solubility	Insoluble in water. May be affected by some organic liquids.
Flammability	Inflammable

10.) STABILITY & REACTIVITY

Stable and unreactive under normal conditions.

11.) TOXICOLOGICAL INFORMATION

No information available.

12.) ECOLOGICAL INFORMATION

Product is inert and poses no ecological risk.

13.) DISPOSAL CONSIDERATIONS

Waste is non-hazardous and inert and should be disposed of normally by landfill.

14.) TRANSPORT INFORMATION

- a.) Product is normally boxed but requires careful handling.
- b.) Boxes not to be strapped and not be stacked under heavy goods.
- c.) Boxes should be protected from the elements during transportation.
- d.) Mechanical grabbing equipment should not be used.

15.) REGULATORY INFORMATION

Not applicable.



16.) OTHER INFORMATION

This document has been compiled using the best available information and should be used by the reader to assist in the making of their COSHH assessment.