

1. PRODUCT IDENTIFICATION

Commercial Name

Composite Insulated Panel

Supplier

Hemsec, Stoney Lane, Rainhill, Merseyside, L35 9LL

Tel: 0151 426 7171 Fax: 0151 493 1331

2. COMPOSITION

Composite panel consisting of a Polyisocyanurate (PIR) core clad with galvanised steel with optional coated finishes.

3. HAZARD IDENTIFICATION

This product is not considered to be hazardous in its untouched condition. During the installation of this product other possible hazards might include:

- Lacerations from cutting of steel skin.
- Dust Inhalation from cutting of PIR core.
- Muscular/Skeletal from manual handling of composite panel.

4. FIRST AID MEASURES

Inhalation	-	N/A
Skin Contact	-	N/A
Eye Contact	-	N/A
Ingestion	-	N/A

5. FIRE FIGHTING MEASURES

Extinguishing Media	-	Water, CO2, Dry Powder & Foam.
Combustion Products	-	Carbon monoxide, carbon dioxide & small amounts other toxic gases.
Fire Fighting Measures	-	Suitable respiratory protection with positive air supply.

6. ACCIDENTAL RELEASE MEASURES

N/A.

7. HANDLING & STORAGE

Suitable plant or equipment should be made available for the safe unloading of packs of panels.

Packs should be unloaded following the restrictions contained on each packing label.

- Lift only one pack at a time.
- Lift pack under the plywood protection ensuring the unloading area is clear and level. Longer, thicker and consequently heavier panels should be offloaded with the load spread across the pack, as directly in the middle will greatly increase the chances of the panel bending.
- All pack edges are vulnerable at time of unloading and extra care should be taken.
- Panels should never be dragged from a stack as small pieces of swarf may score the facing.
- Sufficient manpower and or mechanical lifting devices must be used to prevent injury to personnel.

During storage the composite panels must be stored in a location free from any sources of ignition such as open flames, cutting & welding torches and other forms of direct radiant heat.

For short-term storage panels can be stored outside, off the ground and on a slight sloping surface to prevent contamination from standing water.

Open packs should be stored internally or a protective polythene sheet should be replaced.

Packs should be stored off the ground and as close to the build as possible without relocation leading to possible handling damage.

8. EXPOSURE & PERSONAL PROTECTION

The use of the following personal protective equipment is recommended:

Activity	Hazard	Recommended PPE
Cutting of Panels	Skin Lacerations	Gloves conforming to BS EN 388
Cutting of Panels	Dust Inhalation	Disposable masks conforming to EN149:2001
Cutting of Panels	Metal Swarf	Safety goggles to BS EN 133: 4F

9. PHYSICAL PROPERTIES

Form	Solid foam core with metal finish to panel face
Colour	Yellow core with galvanised steel finish
Odour	None
pH Value	N/A
Boiling Point	N/A
Flash Point	>100 °C
Explosion Limits	Not determined
Vapour Pressure	N/A
Solubility in Water	Non-soluble
Auto Ignition Temperature	Approx. 500 °C

10. STABILITY & REACTIVITY

The product is stable with no deterioration in normal designed use.

11. TOXICOLOGY INFORMATION

No known toxic health hazards.

12. ECOLOGICAL INFORMATION

HCFC	-	Free
Ozone depletion factor	-	0 (Zero)
Global warming potential (GWP)	-	<5

13. DISPOSAL CONSIDERATIONS

Panel waste is classed as inert solid waste, subject to local authority waste control measures.

14. TRANSPORT INFORMATION

Classed as a Non-Hazardous substance.

15. REGULATORY INFORMATION

None.

16. OTHER INFORMATION

The information contained within this document is to be used in the health and safety management of projects during the planning, installation and use of the composite panels within a building project.

The information contained herein is given in good faith and to the best of our knowledge, but no warranty is expressed or implied.

Users should consider this data only as a supplement to other information gathered by them. The user must make independent determinations of suitability and completeness for the information from all sources to assure proper use and disposal of the product, safety of employees and customers, and the protection of the environment.