

## 1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND COMPANY

GTEC Thermal Board  
GTEC Thermal XP Board  
GTEC Thermal PIR Board  
GTEC Thermal K Board

### Supplier:

Siniat  
Marsh Lane  
Easton-in-Gordano  
Bristol BS20 ONF

**T** 01275 377 773

## 2. COMPOSITION/ INFORMATION OF INGREDIENTS

In general, plasterboard laminates comprise of calcium sulphate dihydrate encased in paper liners with a thermal laminate bonded to the back. Natural plasterboard constituents may include clay and minor amounts of quartz. There may also be small quantities of starch, foam, glass fibre and dispersants.

Expanded polystyrene containing residual amounts of expanding agent Pentane.

Extruded polystyrene containing colouring and flame retardant (< 0.1%w/w) Hexabromocyclodecane.

Rigid closed cell Phenolic resin foam with glass fibre and foil facings.

Polyurethane or polyisocyanurate foam, created from a reaction of a polyisocyanate and a polyol by means of a blowing agent

## 3. HAZARDS IDENTIFICATION

These products are defined as non-hazardous under CHIP Regulations 2009

Sawing and sanding may generate dust that may irritate the skin, eyes and respiratory system.

Non-restrictive clothing should be worn, especially avoiding constrictions at the neck and wrist.

It is recommended to wash work clothes separately from other clothing.

Pentane

CAS No.	Content	Hazard F
109-56-0	<1%wt	Highly Flammable

## 4. FIRST AID MEASURES

### Inhalation:

Clear respiratory tract and remove person to fresh air.

### Skin contact:

Using clean water rinse and then wash using soap & water.

If molten material has adhered to the skin, do not attempt to remove it. Rinse thoroughly with cold water and obtain medical attention.

### Eye contact:

Wash with clean water and seek medical advice if irritation occurs.

### Ingestion:

Wash out mouth and drink plenty of clean water.

### Please note:

Should any symptoms persist obtain medical assistance.

## 5. FIRE FIGHTING MEASURES

Plasterboard has limited combustibility; however paper facings and packaging may burn.

All standard fire extinguishers are suitable, using normal fire fighting procedures.

If exposed to a sustained source of ignition, the flame retardant plastics are combustible. The flammability hazard is increased when it is in dust form.

## 6. ACCIDENTAL RELEASE MEASURES

Prevent these products from contaminating drains, watercourses, ground or soil.

# LAMINATES

Health & Safety Data Sheet  
Rebranded on 24<sup>th</sup> Jan 2013

## 7. HANDLING AND STORAGE

When manually handling plasterboards, consideration of the correct manual handling technique to limit risk, according to the Manual Handling Operations Regulations 1992.

Plasterboard is supplied shrink wrapped on a bearer support system. Packs should be moved using a folk lift truck or hydraulic trolley, care should be taken to ensure that the machinery is safely capable such movements and that the operator is trained and competent.

Plasterboard should be stored in dry flat conditions, if supported on bearers these should not exceed 450mm maximum centres.

Plasterboard is not a suitable product to be used as a platform or deck, it will not support body weight and therefore it is important that installers use an independent support mechanism.

Polystyrene laminates are combustible, the following fire precautions are recommended.

1. Smoking should be prohibited in storage area and when fixing.
2. Should be stored away from highly flammable material such as paint or petroleum products.

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

*Occupational Exposure Limits*

Occupational Exposure Standard (OES)

Substance	Total inhalable	Total respirable
Gypsum	10 mg/m <sup>3</sup>	4 mg/m <sup>3</sup>
Limestone	10 mg/m <sup>3</sup>	4 mg/m <sup>3</sup>

Maximum Exposure Limit (MEL)

Substance	MEL
Quartz	0.1 mg/m <sup>3</sup>

Man Made Mineral Fibre 5 mg/m<sup>3</sup>

Note: Based on 8 hour TWA period.

Man made fibres are non respirable.

### Personal protection

#### *Respiratory:*

Area should have adequate ventilation and dust extraction, if not a half face mask to EN 149 Class FFP1S/ BS 6016 should be used.

#### *Eye:*

Safety goggles to BS EN 166 2B5 are recommended when dust is likely to occur.

#### *Skin:*

Wear overalls and suitable clothing to avoid repeated skin contact.

#### *Hands:*

To limit the effect wear protective gloves, a barrier cream can also be applied.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### *Appearance*

Paper faced flat sheet that are available in a range of thicknesses, widths and lengths, with edge profiles being either square or taper edged.

Paper colour varies depending on board type.

## 10. STABILITY AND REACTIVITY

Stable and non reactive with other building materials.

## 11. TOXICOLOGICAL EFFECTS

No known toxicological effects

## 12. ECOLOGICAL INFORMATION

Stable product with no known adverse effect

## SINIAT LIMITED

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www.siniat.co.uk

### 13. DISPOSAL CONSIDERATIONS

Authorised recycling facilities in accordance with current Waste and Environmental Permitting Regulations.

Health and Safety Executive Guidance Note EH40  
Occupational Exposure Limits (current edition)

### 14. TRANSPORT INFORMATION

Not classified as hazardous for transport.

### 15. REGULATORY INFORMATION

Products are not classified as hazardous under:

Occupational Exposure Limits EH40

Control of substances Hazardous to Health (COSHH)  
Regulations 2002

Chemicals (Hazard, Information and Packaging for  
Supply) (Amendment) Regulations 2009.

### 16. OTHER INFORMATION

This product is only intended for use as defined within current Siniat literature, please contact our Technical Enquiryline for further information.

This data sheet does not replace the users' own work place risk assessment.

*This safety data sheet:*

The user should be satisfied that the information data sheet is the current version, to confirm please telephone Siniat Technical Enquiryline.

Based on our current best of knowledge and is intended to define our products with regards to the health and safety position.

It is not intended for the purpose of precise product specification or warranty.

Data used to compile this safety data sheet:

The Control of Substances Hazardous to Health  
Regulations 1999 (COSHH)

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