

Plasterboard Laminate Datasheet

Health & safety Data Sheet 22nd July 2008

1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND COMPANY

GTEC Thermal Board
GTEC Thermal XP Board
GTEC Thermal K Board
GTEC Thermal Sheathing Board

Supplier

Lafarge Plasterboard Limited
Marsh Lane
Easton-in-Gordano
Bristol BS20 0NF

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 (1%w/w)
Hexabromocyclodecane.
Rigid closed cell Phenolic resin foam with glass fibre and foil facings.

3. HAZARDS IDENTIFICATION

These products are defined as non-hazardous under CHIP 2000.
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.

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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 ³	4 mg/m ³
Limestone	10 mg/m ³	4 mg/m ³

Maximum Exposure Limit (MEL)

Substance	MEL
Quartz	0.3 mg/m ³
Man Made Mineral Fibre	5 mg/m ³

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

13. DISPOSAL CONSIDERATIONS

Authorised landfill site in accordance with current Waste Management Licensing Regulations.

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 2000 (CHIP 2000)

16. OTHER INFORMATION

This product is only intended for use as defined within current Lafarge Plasterboard Limited 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 Lafarge 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)
Health and Safety Executive Guidance Note EH40 Occupational Exposure Limits (current edition)