1. Identification of the substances / preparation and company

1.1 Product identifier: Gyproc ThermaLine plus

1.2 Relevant identified uses:
Gyproc thermal laminates are used as thermal or sound insulating internal linings in buildings.

1.3 Details of the supplier of the safety data sheet:
Supplier: British Gypsum
East Leake
Loughborough
Leicestershire
LE12 6HX
Telephone: 0115 945 6123
Email: bgtechnical.enquiries@bpb.com

This information reflects typical values and is not a product specification.

1.4 Emergency telephone number:
0115 945 6123 (+44 115 945 6123)
Opening hours: 8:30am - 5:00pm Monday - Friday (GMT)
Note: Language of the phone service is English.

2. Hazards identification

2.1 Classification of the article:
Dust from sawing or sanding may irritate the respiratory system, skin and eyes.
The plasterboard component of this product poses no hazard in normal use or in fire.
Extruded Polystyrene (XPS) and XPS dust is organic and therefore combustible - Keep away from all sources of head and ignition.
XPS melts at high temperature and molten droplets may cause skin burns.

3. Composition / information on ingredients
General composition: 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. Small quantities of chopped glass fibre, microsilica and vermiculite may be added, with starch, foam and dispersants.

Gyproc ThermaLine plus includes an extruded polystyrene insulant.

4. First aid measures

4.1 Description of first aid measures:

Eye contact:
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists: Get medical advice/attention.

Skin contact:
P264 - Wash hands thoroughly after handling.

Ingestion:
P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Inhalation:
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

General:
Get medical attention if any symptoms persist.
5. Fire fighting measures

5.1 Extinguishing media:
Suitable extinguishing media – water, foam, carbon dioxide or dry powder.

5.2 Special hazards arising from the article:
Fumes and substances normally associated with combustion of organic hydrocarbons such as XPS should be considered toxic and will include carbon monoxide and carbon dioxide. If it is necessary to summons the Fire Services for assistance please advise them that extruded polystyrene (XPS) is involved and self contained breathing apparatus with full face mask and breathing apparatus must be worn.

Some packaging materials may burn.

6. Accidental release measures
Not applicable.

7. Handling and storage

7.1 Precautions for safe handling:
Use – Minimise dust generation when sawing or sanding in poorly ventilated places. Avoid eye contact - see Section 8 for recommended personal protective equipment and Section 3 for hazards identification.

Plasterboards will not support body weight between rafters, joints or frame members.

Fixers must work from an independent support system.

Manual handling – Sheets of plasterboard can be unwieldy, use an appropriate lifting technique. The weight of each sheet can vary between products. For manual handling purposes assume the following:

<table>
<thead>
<tr>
<th>Gyproc ThermaLine plus weights</th>
</tr>
</thead>
<tbody>
<tr>
<td>Board thickness mm</td>
</tr>
<tr>
<td>----------------------</td>
</tr>
<tr>
<td>27</td>
</tr>
<tr>
<td>35</td>
</tr>
<tr>
<td>40</td>
</tr>
<tr>
<td>48</td>
</tr>
</tbody>
</table>

NB - All weights are approximate.

Mechanical handling – The dimensions of the pallet vary depending on the product size. To avoid potentially overloading a lift truck, it is important that any effect on load centres is considered. The nominal weight of each palletised load is given within the weights table in this section of this document.

7.2 Conditions for safe storage, including any incompatibilities:

Storage – Store on pallets supplied in dry conditions. To maintain stability, place pallets on firm level ground, and ensure that stacks are both level and vertical.

NB - When working with individual boards, only work from a single pallet, not a stack.

Avoid heat, flames and other sources of ignition near XPS. Do not store XPS near to any sources of heat. XPS is resistant to many chemicals but not to solvents.

Pallet stacking heights

The maximum stack heights on level concrete on level concrete floors and vertical stacks are as follows:

<table>
<thead>
<tr>
<th>Board width mm</th>
<th>Board length mm</th>
<th>Pallet stack height packs</th>
</tr>
</thead>
<tbody>
<tr>
<td>1200</td>
<td>2400</td>
<td>6</td>
</tr>
</tbody>
</table>

8. Exposure control / personal protection

When cutting XPS with automatic saws or knives, static electricity may be generated which could create sparks. Such equipment, therefore, must be correctly earthed.

8.1 Control parameters:

Workplace exposure limit

<table>
<thead>
<tr>
<th>Substance</th>
<th>Total inhalable</th>
<th>Respirable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plaster</td>
<td>10mg/m³ 8hr TWA</td>
<td>4mg/m³ 8hr TWA</td>
</tr>
<tr>
<td>Quartz (silica)</td>
<td>-</td>
<td>0.1mg/m³ 8hr TWA</td>
</tr>
<tr>
<td>Man Made Mineral Fibres (MMMF)</td>
<td>5mg/m³ 8hr TWA (gravimetric method)</td>
<td>-</td>
</tr>
</tbody>
</table>

8.2 Exposure controls:

Personal protection

Respiratory P284
Use only in well-ventilated areas.
Wear eye / face protection.
Face masks to EN 149 FFP2.

Skin P303
Wear suitable protective clothing.

Eye P305 / P313
Wear eye / face protection.
Eye protection to BS EN 166.
9. Physical and chemical properties

9.1 Information on basic physical and chemical properties:

**Appearance**  
Flat sheet boards in different widths and thicknesses, with a square or tapered edge.

10. Stability and reactivity

10.1 Reactivity:

No special physical conditions need to be avoided. No specific restrictions regarding incompatible materials.

Avoid heating XPS above 110°C.

Decomposition of XPS above 110°C produces fumes from molten material and smoke may produce toxic gases such as carbon monoxide, carbon dioxide and hydrogen bromide.

11. Toxicological information

11.1 Information on toxicological effects:

No known toxicological effects.

12. Ecological information

Stable product with no known adverse environmental effects.

13. Disposal consideration

13.1 Waste treatment methods:

Gypsum, the main raw material for plasterboard, is a sulphate but is classified as non-hazardous. Waste from gypsum plasterboard products is fully recyclable.

For more information contact the British Gypsum Plasterboard Recycling Service Team on 0800 633 5040 or visit the British Gypsum website at british-gypsum.com

14. Transport information

Not classified as hazardous for transportation.

15. Regulatory information

This product is **not** classified as hazardous.

16. Other information

Control of Substances Hazardous to Health Regulations

The Manual Handling Operations Regulations

HSE Guidance Note EH40: Workplace Exposure Limits

Gypsum Wastes – Environment Agency Information Sheet

The British Gypsum White Book

The British Gypsum Site Book

The British Gypsum website: british-gypsum.com

Note to user: This Safety Data Sheet does not constitute a workplace risk assessment for COSHH.

There are a number of situations where the approach to manual handling of British Gypsum products should be considered. For further guidance, please refer to the Manual Handling Section of the Site Book or the Manual Handling Guide, available to download from british-gypsum.com.

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