Gyproc ThermaLine super

Health & Safety

1. Identification of the substances / preparation and company

1.1 Product identifier: Gyproc ThermaLine super

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)  
NB - 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.

It is prudent to take precautions against ignition, fire spread and smoke hazard when using phenolic foam (PF).

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 super includes a phenolic foam insulant.

4. 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.
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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:
If it is necessary to summon the Fire Services for assistance please advise them that phenolic foam (PF) is involved and self contained breathing apparatus with full face mask and breathing apparatus must be worn. Saturate burning foam with water from a spray nozzle. Dust is classified as weakly explosive (St. Class 1).

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:

Gyproc ThermaLine super weights

<table>
<thead>
<tr>
<th>Board thickness mm</th>
<th>Board width mm</th>
<th>Board length mm</th>
<th>Board weight kg</th>
<th>Pallet weight tonnes</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>1200</td>
<td>2400</td>
<td>25.0</td>
<td>0.45</td>
</tr>
<tr>
<td>60</td>
<td>1200</td>
<td>2400</td>
<td>26.7</td>
<td>0.37</td>
</tr>
<tr>
<td>70</td>
<td>1200</td>
<td>2400</td>
<td>27.8</td>
<td>0.36</td>
</tr>
<tr>
<td>80</td>
<td>1200</td>
<td>2400</td>
<td>29.3</td>
<td>0.31</td>
</tr>
<tr>
<td>90</td>
<td>1200</td>
<td>2400</td>
<td>30.7</td>
<td>0.32</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.

8.1 Control parameters:

<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.
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10. Stability and reactivity
10.1 Reactivity:
No special physical conditions need to be avoided. No specific restrictions regarding incompatible materials.

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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British Gypsum reserves the right to revise product specification without notice. The information herein should not be read in isolation as it is meant only as guidance for the user, who should always ensure that they are fully conversant with the products and systems being used and their subsequent installation prior to the commencement of work. For a comprehensive and up-to-date library of information visit the British Gypsum website at british-gypsum.com. For information about products supplied by Artex Limited or Saint-Gobain Isover please see their respective websites.

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