## Health & Safety

### 1. Identification of the substances / preparation and company

**Rigidur H, Rigidur H ACTIVair and Rigidur LITE**

**Supplier**
British Gypsum  
East Leake  
Loughborough  
Leicestershire  
LE12 6HX

**Telephone**
0844 800 1991

**Email**
bgtechnical.enquiries@bpb.com

**Recommended uses:** Rigidur H / Rigidur H ACTIVair and Rigidur LITE are gypsum fibreboards designed for interior drywall construction.

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

### 2. Hazards identification

**THE MOST IMPORTANT HAZARDS ARE:**

This product is **not** classified as dangerous according to CHIP.

Dust from sawing or sanding may irritate the respiratory system, skin and eyes.

### 3. Composition / information on ingredients

**General composition:** Calcium sulphate dihydrate and fibres of recycled paper; expanded perlite (Rigidur LITE only).

**Safety phrases:** S26, S28, S36, S39, S51, S62, S63, S64

### 4. First aid measures

**Eye contact**
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**Skin contact**
S28 - After contact with skin, wash immediately with plenty of soap and water.

**Ingestion**
S62 - If swallowed, do not induce vomiting, seek medical advice immediately and show this document.
S64 - If swallowed, rinse mouth with water (only if the person is conscious).

**Inhalation**
S63 - In case of accident by inhalation, remove casualty to fresh air and keep at rest.

**General**
Get medical attention if any symptoms persist.

### 5. Fire fighting measures

The product does not pose a fire hazard. However, some packaging materials may burn.

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

### 6. Accidental release measures

Not applicable.

### 7. Handling and storage

**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.

Rigidur H / Rigidur H ACTIVair and Rigidur LITE will not support body weight between rafters, joints or frame members.

**Manual handling** – Sheets of Rigidur H / Rigidur H ACTIVair and Rigidur LITE can be unwieldy, use an appropriate lifting technique. The weight of each sheet can vary between products. For manual handling purposes assume the following nominal weights:

**Rigidur weights:**

<table>
<thead>
<tr>
<th>Board</th>
<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>Rigidur LITE</td>
<td>10</td>
<td>1200</td>
<td>2400</td>
<td>29</td>
<td>1.7</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>1200</td>
<td>2700</td>
<td>32</td>
<td>1.9</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>1200</td>
<td>3000</td>
<td>36</td>
<td>2.1</td>
</tr>
<tr>
<td></td>
<td>12.5</td>
<td>1200</td>
<td>2400</td>
<td>36</td>
<td>1.6</td>
</tr>
<tr>
<td></td>
<td>12.5</td>
<td>1200</td>
<td>2700</td>
<td>41</td>
<td>1.8</td>
</tr>
<tr>
<td></td>
<td>12.5</td>
<td>1200</td>
<td>3000</td>
<td>45</td>
<td>1.5</td>
</tr>
<tr>
<td>Rigidur H / Rigidur H ACTIVair</td>
<td>10</td>
<td>1200</td>
<td>2400</td>
<td>35</td>
<td>1.9</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>1200</td>
<td>2700</td>
<td>39</td>
<td>1.7</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>1200</td>
<td>3000</td>
<td>43</td>
<td>1.9</td>
</tr>
<tr>
<td></td>
<td>12.5</td>
<td>1200</td>
<td>2400</td>
<td>43</td>
<td>1.9</td>
</tr>
<tr>
<td></td>
<td>12.5</td>
<td>1200</td>
<td>2700</td>
<td>49</td>
<td>2.1</td>
</tr>
<tr>
<td></td>
<td>12.5</td>
<td>1200</td>
<td>3000</td>
<td>54</td>
<td>2.3</td>
</tr>
<tr>
<td></td>
<td>15</td>
<td>1200</td>
<td>2400</td>
<td>52</td>
<td>1.7</td>
</tr>
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<td>15</td>
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<td>15</td>
<td>1200</td>
<td>3000</td>
<td>65</td>
<td>1.7</td>
</tr>
<tr>
<td></td>
<td>18</td>
<td>1200</td>
<td>2400</td>
<td>63</td>
<td>1.3</td>
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<tr>
<td></td>
<td>18</td>
<td>1200</td>
<td>2700</td>
<td>71</td>
<td>1.5</td>
</tr>
<tr>
<td></td>
<td>18</td>
<td>1200</td>
<td>3000</td>
<td>79</td>
<td>1.7</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.

**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.
Health & Safety (continued)

Pallet stacking heights
The maximum stack heights 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>
<tr>
<td>1200</td>
<td>2700</td>
<td>6</td>
</tr>
<tr>
<td>1200</td>
<td>3000</td>
<td>7</td>
</tr>
</tbody>
</table>

8. Exposure control / personal protection
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</td>
<td>–</td>
</tr>
</tbody>
</table>

Personal protection
Respiratory
S51 - Use only in well ventilated areas.
S39 - Wear eye / face protection. Face masks to EN 149 FFP2.

Skin
S36 - Wear suitable protective clothing.

Eye
S39 - Wear eye / face protection. Eye protection to BS EN 166.

9. Physical and chemical properties
Appearance
Solid flat sheet in a beige colour.

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

11. Toxicology information
No known toxicological effects.

12. Ecological information
Stable product with no known adverse environmental effects.

13. Disposal consideration
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 www.british-gypsum.com.

14. Transport information
Not classified as hazardous for transportation.

15. Regulatory information
Not classified under the CHIP regulations.

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: www.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 www.british-gypsum.com.

Date of previous version: December 2011.

Substance Total inhalable Respirable
Plaster 10mg/m³ 8hr TWA 4mg/m³ 8hr TWA
Quartz (silica) – 0.1mg/m³ 8hr TWA
Man Made Mineral Fibres (MMMF) 5mg/m³ 8hr TWA (gravimetric method) –