



Rigidur H for commercial applications

Material Safety Data Sheet

Health & Safety

1. Identification of the substances / preparation and company

Rigidur H / Rigidur H ACTIVair

Supplier British Gypsum
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Recommended uses: Rigidur H / Rigidur H ACTIVair is a gypsum fibreboard 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.

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

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

Rigidur H and Rigidur H ACTIVair weights:

Board thickness mm	Board width mm	Board length mm	Board weights kg	Pallet weight tonnes
12.5	1200	2400	43	1.9
		2800	50	2.0
		3000	54	2.3
15	1200	2400	52	1.7
		2800	61	1.8
		3000	65	1.7

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.

Pallet stacking heights

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

Board width mm	Board length mm	Pallet stack height packs
1200	2400	6
	2800	6
	3000	7

Health & Safety (continued)

8. Exposure control / personal protection

Workplace exposure limit

Substance	Total inhalable	Respirable
Plaster	10mg/m ³ 8hr TWA	4mg/m ³ 8hr TWA
Quartz (silica)	–	0.1mg/m ³ 8hr TWA
Man Made Mineral Fibres (MMMF)	5mg/m ³ 8hr TWA (gravimetric method)	–

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.

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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: www.british-gypsum.com. For information about products supplied by Artex Limited or Saint-Gobain Isover please see their respective websites.

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