

Gypframe Metal Products

Safety Data Sheet

Health & Safety

1. Identification of the substances / preparation and company

1.1 Product identifier: Gypframe metal sections

1.2 Relevant identified uses:

In conjunction with Gyproc plasterboards, Gyproc plasterboard laminates and British Gypsum Specialist board products, to form internal walls and ceiling systems, linings and encasements.

1.3 Details of the supplier of the safety data sheet:

Supplier	British Gypsum East Leake Loughborough Leicestershire LE12 6HX
Telephone	0844 800 1991
Email	bgtechnical.enquiries@bpb.com

2. Hazards identification

THE MOST IMPORTANT HAZARDS ARE:

2.1 Classification of the substance or mixture:

This product is not classified as dangerous according to EU regulation 1272/2008 or 1999/45/EEC and their amendments.

There is a risk of cuts and abrasions from sharp edges and ends when handling metal sections and in use where they have been fitted to floors or walls and are exposed, prior to fixing plasterboard.

There is also a risk when cutting the banding due to the release of tension and the potential movement of material. Repeated contact with sheet metal coatings may cause skin irritation. During flame cutting, grinding or drilling, irritant fumes or dust may be produced which can cause metal fume fever.

3. Composition / information on ingredients

General composition: Mild steel sections coated by zinc electrolytic process or hot dip galvanised process. The sections may have a protective film of a roll forming hydrocarbon lubricant or a residue of cutting fluid.

4. First aid measures

4.1 Description of first aid measures:

<u>Eye contact</u>	P305/ - In case of contact with eyes, rinse P313 immediately with plenty of water and seek medical advice.
<u>Skin contact</u>	P332 - After contact with skin, wash immediately with plenty of soap and water.
<u>Inhalation</u>	P304/- In case of accident by inhalation, P340 remove casualty to fresh air and keep at rest.

General

Get medical attention if any symptoms persist.

5. Fire fighting measures

5.1 Extinguishing media:

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

5.2 Special hazards arising from the substance or mixture:

The products do not pose a fire hazard. However, the protective coating / lubricant, packaging banding or sponge rubber elements may be combustible and emit hazardous fumes.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Product discarded in an unaltered form is classified as a non-hazardous waste.

7. Handling and storage

7.1 Precautions for safe handling:

Mechanical handling – The dimensions of the pallet vary depending upon 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 on the delivery note.

Manual handling – Metal sections are supplied in a variety of lengths and profiles and the weight of different sections varies. Do not use the banding or straps for lifting. Carefully consider the manual handling risks before lifting sections of metal. Appropriate cut-resistant PPE should be used when handling metal sections.

7.2 Conditions for safe storage, including any incompatibilities:

Storage – Store on pallets supplied and in dry conditions. To maintain stability, place pallets on firm level ground and ensure that stacks are both level and vertical. Stack height should not exceed twice the width of the pack. Banding should only be removed at ground level.

7.3 Specific end use:

Use – Caution: as with all cut metal products, there is risk from sharp corners or edges. Appropriate cut-resistant PPE should be used when handling metal sections. Avoid prolonged and repeated contact with skin and wear protective clothing when handling metal sections (see Section 8).

When the banding is cut it may spring back as tension is released and the pack of material may become unstable. Appropriate PPE (including eye protection to *BS EN 166*) should be worn.

Health & Safety (continued)

Metal sections which have been fixed to the floor or side wall, ready for plasterboard fixing, may have exposed sharp edges and care should be taken to protect persons from unintentional contact. Exposure to potentially sharp edges should be minimised.

Metal sections are not designed to support body weight; fixers must work from an independent support system.

8. Exposure control / personal protection

8.1 Control parameters:

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/- Wear eye / face protection.
P313 Eye protection to BS EN 166.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance Metal sections in various lengths, thickness and formation.

Odour Paraffin / oil (protective coating).

10. Stability and reactivity

10.1 Reactivity:

Stable under normal conditions but when subjected to high temperatures fumes are produced

11. Toxicology information

11.1 Information on toxicological effects:

Inhalation Dry grinding or machining may produce dust of the same composition as the coating and base metal. Flame cutting may produce fumes containing oxides of zinc and iron, and also breakdown products of protective coating. Potential effects on health include metal fume fever, a condition similar to influenza.

Skin contact Prolonged and repeated contact may cause irritation.

Eye contact None in normal use.

Ingestion Not applicable.

12. Ecological information

Stable product with no known adverse environmental effects.

13. Disposal consideration

13.1 Waste treatment methods:

Dispose at an authorised metal recycling facility in accordance with the Waste Management Licensing Regulations.

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
The British Gypsum website: british-gypsum.com

Note to user: This Safety Data Sheet does not constitute a workplace risk assessment for COSHH. A COSHH assessment is not required for this product.

Welding of Gypframe metal components is not recommended and will effect their structural performance.

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, available to download from british-gypsum.com

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