

# GYPROC

## Safety Data Sheet

### Metal Sections

#### 1 IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND COMPANY

Substance/  
Preparation      Gyproc Metal Sections

Gyproc metal studs, channels, ceiling sections, angle sections, beads, clips etc.

Manufacturer    **British Gypsum Limited**  
Head Office  
East Leake  
Loughborough  
Leics. LE12 6HX

Telephone        **08705 456123**

#### 2 COMPOSITION/INFORMATION OF INGREDIENTS

Mild steel sections coated with zinc electrolytic process or hot dip galvanised process.

The sections may have a protective film of a roll forming hydrocarbon (oil/paraffin etc.) lubricant or a residue of cutting fluid.

#### 3 HAZARDS IDENTIFICATION

These products are not classified as hazardous under CHIP 2000. Refer to Section 15 - Regulatory Information.

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 and the tensioned is released.

Frequent handling may cause skin problems from the residue of lubricant/rust inhibitors.

During welding or cutting, irritant fumes may be evolved which can cause metal fume fever.

#### 4 FIRST AID MEASURES

Inhalation	Remove person to fresh air.
Skin Contact	Flush and wash with water and soap.
Eye Contact	Wash eye with clean water for 10 mins and seek medical advice if irritation persists.
Ingestion	Wash mouth out and drink plenty of water. Do not induce vomiting.

Please note should any symptoms persist obtain medical assistance.

#### 5 FIRE FIGHTING MEASURES

Metal Sections are non flammable, but the protective coating/lubricant may be combustible and should be extinguished by using carbon dioxide, dry powder, foam, sand earth or plaster.

#### 6 ACCIDENTAL RELEASE MEASURES

Not applicable.

#### 7 HANDLING AND STORAGE

Sharp corners or edges may lacerate skin and banding may spring back and cut when tension is released.

Metal sections which have been fixed to the floor or side wall, ready for plasterboard fixing, may have exposed sharp edges, care should be taken to protect persons from accidental contact (slips trips or falls).

Avoid prolonged contact with skin and wear protective clothing when handling metal sections.  
Refer to section 8.

Supplied bundled in small packs and strapped together in large packs for forklift truck off loading, which should be stacked in a safe and stable manner. The bands or straps should not be used for lifting. Coils may spring apart when banding is released.

If handling manually, consider risks as required by Manual Handling Operations Regulations 1992.

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

#### 8 EXPOSURE CONTROLS/PERSONNEL PROTECTION

##### Occupational Exposure Limits

Substance	Long Term	Short Term
Iron Oxide	5mg/m <sup>3</sup> 8hr TWA	10mg/m <sup>3</sup> 15min
Zinc Oxide	5mg/m <sup>3</sup> 8hr TWA	10mg/m <sup>3</sup> 15min

Refer to current edition of HSE EH40 - Occupational exposure limits.

##### Personal Protection

Respiratory	Ventilate the area of storage or work if fume or dust is produced. Wear approved respiratory equipment when welding, flame cutting or grinding.
Skin	Wear protective gloves, overalls and footwear, when handling sections.
Eye	Wear safety goggles to BS EN 166 to protect eyes when cutting tensioned banding.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Metal sections in various lengths, thickness and formations.
Odour	Paraffinic/oily (protective coating).

**Note** reference should be made to product technical information publications.

## 10 STABILITY AND REACTIVITY

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

## 11 TOXICOLOGICAL INFORMATION

Inhalation - Dry grinding or machining may produce dust of the same composition as the coating and base metal. Welding or 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 contact may cause irritation and may lead to dermatitis.
Eye Contact	None in normal use.
Ingestion	Not applicable.

## 12 ECOLOGICAL INFORMATION

Aquatic toxicity	Not applicable.
Mobility	Not applicable.

## 13 DISPOSAL CONSIDERATIONS

Dispose at an authorised landfill site according with the Waste Management Licensing Regulations 1994.

## 14 TRANSPORT INFORMATION

Not classified as hazardous for transport.

## 15 REGULATORY INFORMATION

Not classified as hazardous under the Chemicals (Hazard, Information and Packaging for Supply) (Amendment) Regulations 2000 (CHIP 2000).

## 16 OTHER INFORMATION

Sources of key data used to compile Safety Data Sheet:

The Control of Substances Hazardous to Health Regulations 1999 (COSHH).

Health & Safety Executive Guidance Note EH40 Occupational Exposure Limits (current edition).

This Safety Data Sheet prepared in accordance the approved Code of Practice L62:- Safety data sheets for substances and preparations dangerous for supply (2nd Edition).

**Recommended uses** - in conjunction with Gyproc plasterboards, Gyproc plasterboard laminates, Gyproc Multi-boards and Glasroc S, to form internal walls and ceiling systems, linings and encasements.

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

No warranty is hereby expressed or implied.

### Note to User

**This Safety Data Sheet does not constitute the users own workplace risk assessment, which is required under COSHH (The Control of Substances Hazardous to Health) Regulations 1999.**

### Written Enquiries

Written enquiries should be addressed to:

British Gypsum Limited  
Technical Advice Centre  
East Leake  
Loughborough  
Leicestershire  
LE12 6JT

### Technical Service

British Gypsum technical staff are available for discussion and to render technical advice through the following numbers when the Company's products are being specified or used.



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