

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

### 1.1 Product identifier:

GypFrame® C-Stud

### 1.2 Relevant identified uses:

This GypFrame® C-Stud is used in conjunction with Gyproc plasterboards to form internal walls, linings and encasements.

### 1.3 Supplier:

Saint-Gobain Malaysia Sdn Bhd  
No. 1, Jalan Sultan Mohamad 4,  
Kawasan Perindustrian Bandar Sultan Suleiman,  
42000 Port Klang, Selangor, MALAYSIA.  
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Fax: +60 3 3169 5688

## 2. COMPOSITION / INFORMATION OF INGREDIENTS

Products are produced from coated steel coil material which is classified as a non-hazardous material.

GypFrame® C-Stud are made from an advanced method of cold roll forming process.

This process involves working steel in strips with two mating rolls, which produce a dimpled surface and ribbing effect across the surface of the materials.

Roll forming process can be carried out by using a water-based soluble lubricant. These soluble lubricants are not considered hazardous when used as recommended by the manufacturer.

## 3. HAZARDS IDENTIFICATION

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 and walls and are exposed, prior to fixing plasterboards.

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 and drilling, irritant fumes or dust may be produced which can cause metal fume fever.

## 4. FIRST AID MEASURES

Inhalation	Not applicable
Skin Contact	P264 – Wash hands thoroughly after handling
Eye Contact	1. P305 + P352 + P338 – IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. 2. P337+ P313 – If eye irritation persists, get medical advice.
Ingestion	Not applicable
Additional Note	Should any symptoms persist please obtain medical advice / attention immediately.

## 5. FIRE FIGHTING MEASURES

### 5.1 Extinguisher media

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

### 5.2 Special hazards arising from the article

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

## 6. HANDLING AND STORAGE

### 6.1 Precautions for safe handling

**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.

Note: Wear Appropriate protective clothing during material handling.

**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 normal weight of each palletized load is given on the delivery note.

# GYPRAME<sup>®</sup> C-STUD

Metal Channel

## 6.2 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.

## 6.3 Specific End Use

**Caution** – as with all cut metal products, there is risk from sharp corners and 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.

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.

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 minimized.

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

## 7. EXPOSURE CONTROLS / PERSONNEL PROTECTION

### 7.1 Personal Protection:

Respiratory	P284 Use only in well-ventilated areas Wear eye/face protection Face mask to EN 149 FFP2
Skin	P303 Wear suitable protective clothing
Eye	P305/P313 Wear eye/face protection Eye protection to BS EN 166

## 8. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Metal sections in various lengths, thickness and formation
Odour	Oil (protection coating)
Note	All dimensions and weights are only approximate; reference should be made to product technical information publications.

## 9. STABILITY AND REACTIVITY

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

## 10. TOXICOLOGICAL INFORMATION

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 or repeated contact may dry skin, leading to irritation.
Eye Contact	None in normal use
Ingestion	Not applicable.

## 11. ECOLOGICAL INFORMATION

Stable product with no known adverse environmental effects.

## 12. DISPOSAL CONSIDERATION

Dispose at an authorized landfill site according with the local or national controls.

## 13. TRANSPORT INFORMATION

Not classified as hazardous for transport.

## 14. SITE TRAINING

It is contractor responsibility to ensure his employees are trained in onsite O.H.S. procedures as these can vary from site to site.

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