

METAL FRAMING COMPONENTS

1. Identification of the product and company

All products in the range of GTEC metal framing components (except GTEC Resilient Tape).

Supplier:

Siniat
Marsh Lane
Easton-in-Gordano
Bristol BS20 0NF
T: 01275 377773
(Opening hours: Monday to Friday 8:15am – 5:00pm)

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2. Hazards identification

These products are not classified as hazardous under the EU CLP Regulation (European Regulation EC/1272/2008 on the classification, labelling and packaging of substances and mixtures).

There is a risk of cuts and abrasions from sharp edges or protrusions when handling metal sections and also on contact once fitted to floors and walls prior to plasterboard fitting.

There is also a risk from strapping under tension.

Due to the residue of lubricant/rust inhibitors, prolonged handling may cause skin irritation.

Irritant fumes evolved during welding or cutting can cause metal fume fever.

3. Composition / information on ingredients

Mild steel coated with zinc electrolytic process or hot dip galvanised process. Steel sections may have a protective film of hydrocarbon lubricant (oil/paraffin etc) or residue of cutting fluid.

Acoustic hangers also have a rubber component.

4. First aid measures

Inhalation of dust/ fumes:

Remove person to fresh air.

Skin contact with dust/ surface agents:

Rinse using clean water and then wash using soap & water.

Eye contact with dust/surface agents:

Wash with clean water for 10 minutes and obtain medical advice if irritation persists.

Ingestion of dust/fumes:

Wash out mouth and drink plenty of clean water. Do not induce vomiting.

Please note:

Should any symptoms persist obtain medical assistance.

5. Fire fighting measures

Although metal components are non-flammable, the protective coating or lubricant may be flammable. This should be extinguished with carbon dioxide, dry powder, or foam.

6. Accidental release measures

Control and collect any metal dust, remove in bags. Avoid the generation and inhalation of dust.

7. Handling and storage

Eye protection should be worn when using hand tools.

Gloves should be worn when handling metal sections and components to avoid risk of lacerations.

Sections fixed to the floor or wall may have sharp edges exposed, so care should be taken to avoid accidental contact.

Sections are supplied in bundles with small packs strapped together to form larger packs suitable for forklift truck off-loading. Packs should be stacked in a safe and stable manner. Pack strapping should not be used for lifting. Coils and metal sections may spring apart when strapping is released.

When manually handling steel sections or component packs, use suitable manual handling techniques to limit risk, according to the Manual Handling Operations Regulations 1992.

Mechanical handling aids may be used to reduce the risk of injury.

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Fixers must work from an independent support system as metal sections are not designed to support body weight.

8. Exposure controls/ personal protection

Occupational Exposure Limits

Workplace Exposure Limits (WEL)

Substance	Long term exposure 8hr TWA	Short term exposure 15 minute Reference period
Iron salts	1 mg/m ³	2 mg/m ³
Iron oxide, fume	5 mg/m ³	10 mg/m ³
Paraffin wax, fume	2 mg/m ³	6 mg/m ³

Note: TWA = time weighted average period.

All WEL are total inhalable limits as listed in HSE EH40 Workplace Exposure Limits, 2nd edition (2011).

Personal protection

Respiratory:

If fume or dust is produced, ventilate the area of storage or work. When welding, flame cutting or grinding, wear approved respiratory protection equipment.

Eye:

When cutting strapping or metal sections, wear eye safety protection compliant with BS EN 166 2A5.

Skin:

When handling sections, wear overalls and suitable clothing. Hands should be protected by wearing suitable gloves.

9. Physical and chemical properties

Appearance

Metal sections in various lengths, thickness and profiles. Other metal components are small in size, in various shapes depending on function.

Odour

Paraffinic/oily (protective coating)

10. Stability and reactivity

Stable and non-reactive under normal conditions.

When subjected to elevated temperatures, fumes are produced.

11. Toxicological effects

Dry grinding and machining will produce dust, which is of the same composition as the coating and base metal. The primary mode of entry into the body is by inhalation.

Excessive airborne concentrations with repeated exposure may have a long-term effect, particularly affecting the lungs.

Fumes that are produced by elevated temperatures, such as welding or flame cutting, will contain oxides of zinc and iron, together with breakdown components of any protective coating (if present). Potential effects include metal fume fever, a condition similar to influenza.

Prolonged skin contact may cause irritation and may lead to dermatitis.

12. Ecological information

No known harmful effects.

13. Disposal considerations

Waste metal is classified as inert and non-hazardous and must be segregated from other materials at source for treatment. All listed products are recyclable and should be consigned to authorised recycling facilities in accordance with current Waste and Environmental Permitting Regulations.

Bearers are accepted for wood recycling in preference to landfill disposal.

14. Transport information

Not classified as hazardous for transport.

15. Regulatory information

These products are not classified as hazardous under the EU CLP Regulation (European Regulation EC/1272/2008 on the classification, labelling and packaging of substances and mixtures).

These products constitute articles according to the definitions contained within the EU REACH Regulation (European Regulation EC/1907/2006 on the Registration Evaluation Authorisation and Restriction of Chemicals). As such, the legal obligations of articles 31 and 32 of the Regulation do not apply

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(provision of information in the supply chain on substances and mixtures).

In relation to Article 33 of the REACH Regulation, these products do not contain any substances of very high concern (SVHC) at a concentration of more than 0.1% by weight

16. Other information

These products are only intended for use as defined within current Siniat Literature.

This data sheet does not replace the user's own work place risk assessment. It is not intended for the purposes of precise product specification nor warranty.

All information and instructions provided in this data sheet are based on the current state of scientific, technical and legal knowledge at the date indicated on the present data sheet.

The user should ensure that the data sheet being consulted is the current version. To confirm this, or for any additional information or support on intended use, please contact the Siniat Technical Services.

SDS Revision History:

Version	Date	Revision
1.0	24/01/2013	First Siniat Issue
2.0	21/09/2015	Sections 2 & 3 reversed; Addition of revision history, REACH & CLP references added, replacing CHIP; WEL threshold values updated in section 8; Title and scope amended to include all metal framing components
2.1	31/12/2015	Contact email, opening hours and Enquiryline references amended