

MATERIAL SAFETY DATA SHEET

PROTEKTOR METAL PROFILES AND SYSTEMS FOR USE WITH PLASTER, RENDER AND DRY LINING SYSTEMS

1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND COMPANY

Substance/Preparation

Protektor Metal Sections • Protektor Metal Studs, Channels • Protektor Metal Ceiling Systems
Protektor Beads, Profiles

Manufacturer/Supplier

Protektorwerk, Postfach 1420, Viktoriastrasse.58, D-76554 Gaggenau, Germany
T: 0049 7225 977000 F: 0049 7225 977111 W: www.protektor.com

UK Distributor

Cornercare Ltd, Units 3 & 4 Walter Nash Road West, Birchen Coppice Trading Estate, Kidderminster, Worcs DY11 7QY
T: 01562 515 200 F: 01562 864 063 E: sales@cornercare.co.uk

2. MATERIAL COMPOSITION/INFORMATION OF INGREDIENTS

Metal sections are not classified as hazardous under CHIP regulations 1994. (Refer to section 15, regulatory information). Mild steel sections coated with zinc electrolytic 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

There is a risk of cuts and abrasions from sharp edges or protrusions and from tensioned banding.

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

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

Gloves should be worn when handling materials.

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4. FIRST AID MEASURES

Skin contact:

Wash skin in plenty of water and soap. If irritating seek medical advice.

Ingestion:

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

Inhalation:

Remove person to fresh air.

Eye contact:

Rinse immediately with clean water for 15 mins and seek medical advice.

Should any symptoms persist obtain medical assistance.

5. FIRE HAZARD

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

Control and collect any spillage (refer to section 8, Exposure/Protection and Section 13, Disposal Considerations)

7. HANDLING AND STORAGE

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

Avoid prolonged contact with skin and wear protective gloves/clothing when handling metal sections.

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. Brickwork Reinforcement Coils/Fixing Band/Ceiling Straps may spring apart when banding is released.

Note: If handling manually, consider risk 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/PERSONAL PROTECTION

Occupational exposure limits:

| Substance | Long term | Short term |
|------------|--------------------------------|--------------------------------|
| Iron Oxide | 5mg/m ³ 8hr TWA OES | 10mg/m ³ 8hr 15 min |
| Zinc Oxide | 5mg/m ³ 8hr TWA OES | 10mg/m ³ 8hr 15 min |

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 BSEN 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 (from protective coating)

pH: n.a.

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Inhalation:

Dry grinding and 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. The 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

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12. TRANSPORT INFORMATION

Not classified as hazardous for transport materials. Must be stable whilst in transit and correct strapping must be used.

13. REGULATORY INFORMATION

Not classified as hazardous under CHIP 2 (The Chemicals Hazard Information and Packaging Regulations 1994).

HSE EH40 Occupational Exposure Limits, (reviewed and reprinted annually).

Control of Substances Hazardous to Health (COSHH) regulations 1994.

Safety Data Sheet prepared in accordance with CHIP regulations and Directive 91/155/EEC.

14. FURTHER INFORMATION

Recommended uses: in conjunction with Plasterboard/Fibreboard/Calcium Silicate boards/plasterboard laminates and multi-boards to form internal walls and ceiling systems lining and encasements.

No warranty expressed or implied is hereby made.

This safety data sheet does not constitute the user's own workplace risk assessment.