

Material Safety Data Sheet (MSDS) – Metallic Products for Storage Systems

1. Identification of the product and of the company/undertaking

STEEL PRODUCTS used for metallic racking and storage systems

Supplier/Manufacturer:

Dexion GmbH
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Dexionstrasse 1-5, 35321 Laubach, Germany
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2. Hazards identification

These products are not classified as dangerous according to EU legislation.
All products are likely to have sharp edges which could cause lacerations.
Damaged beams, uprights or braces provide hazardous conditions.
If subjected to high temperatures, e.g. during welding or cutting, irritant fumes may be evolved.
Flying particles may be produced when cutting/shearing.
Straps or bands used for securing products could cause eye or other injuries when tension is released. Coils may spring apart when the banding is removed.

3. Composition/information on ingredients

Continuously hot-dip coated steel with zinc coated surface.

4. First-aid measures

In the event of injury to a body part, seek immediate for medical attention.
If unconscious, place in recovery position and seek medical advice.
If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration by trained personnel.

5. Fire-fighting measures

Metallic products are non-flammable.
In the event of a fire, use recommended extinguishing media according to specific regulations.
Recommendations: Fire will produce smoke. Exposure to decomposition products may cause health hazard.
Cool closed containers exposed to fire with water. Do not release runoff from fire to drains or watercourses.

6. Accidental release measures

Steel products can not produce accidental spillages.

7. Handling and storage

Some products may be secured by straps or bands. These should not be used for lifting.
Suitable racks should be used to ensure stability.
Work processes should be designed to take into account of any hazard arising from the risk of fracturing or the release of tension when breaking open banding.
Store in dry condition. Keep away from excessive heat and condensation, hot water (>60°C), water hardness (< 10° dH). Avoid contact with acid (< pH 6) and base (> pH 13).
Prevent unauthorized access.

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8. Exposure controls/personal protection

Hand and eye protection and protective shoes should be worn.
Good housekeeping and personal hygiene should be practiced.

9. Physical and chemical properties

Steel Melting point in range 1450-1520 °C
Density around 7.85 kg/m³ at 20 °C.

10. Stability and reactivity

Metallic products are stable under recommended storage and handling conditions. See chapter 7.

11. Toxicological information

Metallic products have no toxicological effects under normal conditions. See chapter 2.

12. Ecological information

Metallic products can not cause damage of environment under normal conditions.

13. Disposal considerations

Recycle or landfill. Within the present knowledge of the manufacturer these products are not regarded as hazardous waste, as defined by EU Directive 91/689/EEC: 16 01 17 ferrous metals
If mixed with other wastes, the appropriate code should be assigned. For further information, contact your local waste authority.

14. Transport information

Always transport in a secure manner.
Metallic products are not classified as dangerous according to international transport regulations [IMDG (sea), ADR (Council Directive 94/55/EC of 21 November 1994 on the approximation of the laws of the Member States with regard to the transport of dangerous goods by road), RID (Council Directive 96/49/EC of 23 July 1996 on the approximation of the laws of the Member States with regard to the transport of dangerous goods by rail), ICAO/IATA (air)].

15. Regulatory information

Metallic products are not subject to EU legislation for chemical substances and preparations.

16. Other information

This Safety Data Sheet is prepared in accordance with Annex II to Regulation (EC) No 1907/2006.

Notice to reader:

The information in this MSDS is based on the present state of our knowledge and on current laws. The products are not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfil the demands set out in the local rules and legislation. The information in this MSDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties. Also, the information given is based on data obtained from reliable sources and is believed to be correct. However, no warranty is expressed or implied.