Zinc Sheet

Safety Data Sheet

According to Control of Substances Hazardous to Health 2002.

Issue date: 10/02/2026 *Date of previous issue:* 09/08/2023 *Version:* 3

SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product Identifier

Product Name: Zinc sheet
Use: For roofing applications in the construction industry.
Supplier: Associated Lead Mills Ltd, Grange House, Geddings Road, Hoddesdon, Hertfordshire, EN11 0NT
TEL: 01992 444100
Email: enquiries@leadsales.co.uk

1.2. Composition/Information on Ingredients

Substance	EC No.	CAS No.	C (%)	Symbol Letters	R Phrase No.
Zinc	215-116-9	7440-66-6	BALANCE	N/A	N/A
Titanium	N/A	7440-32-6	0.07-0.2%	N/A	N/A
Aluminium	N/A	7440-90-5	≤0.015%	N/A	N/A
Copper	N/A	7440-50-8	0.08-1%	N/A	N/A

SECTION 2: Hazards Identification

2.1. Main Hazards

The alloy in solid metallic form is unlikely to be hazardous.

2.2. Other Hazards

Zinc will react with acids and strongly alkaline solutions, producing hydrogen. When heated to temperatures above 650°C, the product evaporates, forming zinc oxide vapour.

SECTION 3: First Aid Measures

3.1. Description of First Aid Measures

First Aid Measures After Inhalation: Move exposed person to fresh air at once. Get medical attention if discomfort persists.
First Aid Measures After Skin Contact: Remove all contaminated clothing and footwear immediately, unless it is stuck to the skin. Wash the affected skin immediately with soap and water. Get medical attention if irritation persists.
First Aid Measures After Eye Contact: Make sure that any contact lenes are removed from the eyes before rinsing. Promptly wash eyes with plenty of water for at least 15 minutes. Get medical attention.
First Aid Measures After Ingestion: Do not induce vomiting. If person is conscious, rinse mouth thoroughly and encourage the drinking of large quantity of water. Get medical attention immediately.

3.1.1. Protection of First Aiders

No data available.

3.2. Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms/Effects After Inhalation: No data available.
Symptoms/Effects After Skin Contact: No data available.

Symptoms/Effects After Eye Contact: No data available.
Symptoms/Effects After Ingestion: No data available.

3.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

Antidote: No data available.
Special Treatment: No data available.

SECTION 4: Firefighting Measures

4.1. Extinguishing Media

Suitable Extinguishing Media: Dry foam, powder or sand.
Unsuitable Extinguishing Media: The product is not flammable, however hot, liquid metal may cause other materials in its vicinity to ignite. Carbon dioxide is not recommended. Do not use water near liquid metal.

4.2. Hazards Arising from the Substance or Mixture

Hazards from the Substance or Mixture: No data available.
Hazardous Thermal Decomposition Products: Toxic fumes may be produced.

4.3. Advice for Firefighters

Special Protective Actions for Firefighters: No data available.
Special Protective Equipment for Firefighters: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin.
Additional Information: Not applicable.

SECTION 5: Accidental Release Measures

5.1. Personal Precautions, Protective Equipment and Emergency Procedures

For Non-Emergency Personnel: No special measures required.
For Emergency Responders: No special measures required.

5.2. Environmental Precautions

Do not discard to drains or rivers.

5.3. Methods and Materials for Containment and Cleaning Up

For Containment: No data available.
Methods for Cleaning Up: Pick up larger pieces, sweep up shavings and dust.
Other Information: Transfer to container for disposal.

SECTION 6: Handling and Storage

6.1. Precautions for Safe Handling

Protective Measures: Avoid inhalation of fumes that may be emitted during melting.
Hygiene Measures: No data available.

6.2. Conditions for Safe Storage, Including any Incompatibilities

Store in a cool, dry place.

6.3. Specific End Use(s)

No data available.

SECTION 7: Exposure Controls/Personal Protection

7.1. Control Parameters

Occupational Exposure Limits: No data available.
Recommended Monitoring Procedures: No data available.
Air Contaminants Formed: No data available.
Control Banding: No data available.
DNEL & PNEC: No data available.

7.2. Exposure Controls

Appropriate Engineering Controls: No data available.
Thermal Hazards: No data available.
Environmental Exposure Controls: No data available.

7.2.1. Individual Protection Measures

Personal Protective Equipment Symbol(s): No data available.
Hygiene Measures: No data available.
Hand Protection: Wear protective gloves if work conditions require.
Body Protection: Wear appropriate clothing. Follow standard hygiene procedures.
Other Skin Protection: Not applicable.
Eye/Face Protection: Use approved safety goggles if work conditions require.
Respiratory Protection: Provide adequate general and local exhaust ventilation. Wear a dust mask if conditions require.

SECTION 8: Physical and Chemical Properties

Physical State: Metal.
Colour: Blue/grey.
Odour: None.
Odour Threshold: Not applicable.
pH: No data available.
Melting Point: No data available.
Freezing Point: No data available.

Boiling Point: 906°C
Flash Point: No data available.
Evaporation Rate: No data available.
Flammability: No data available.
Vapour Pressure: No data available.
Vapour Density: No data available.
Relative Density: 7.2 at 20°C
Solubility: Almost insoluble.
Particion Coefficient n-octanol/water: No data available.
Auto-Ignition Temperature: No data available.
Decomposition Temperature: No data available.
Viscosity (kinematic): No data available.
Viscosity (dynamic): No data available.
Explosive Properties: No data available.
Oxidising Properties: No data available.
Explosive Limits: No data available.
Other Information: No data available.

SECTION 9: Stability and Reactivity

Reactivity: No data available.
Chemical Stability: Stable under normal conditions.
Possibility of Hazardous Reactions: No data available.
Conditions to Avoid: Avoid contact with sources of ignition.
Incompatible Materials: Acids and strongly alkaline solutions.
Hazardous Decomposition Products: Hazardous fumes can be produced when metal is heated above 650°C.

SECTION 10: Toxicological Information

10.1. Information on Toxicological Effects

Acute Toxicity: No data available.
Skin Irritation/Corrosion: No data available.
Serious Eye Damage/Irritation: No data available.
Respiratory or Skin Sensitisation: No data available.
Germ Cell Mutagenicity: No data available.
Carcinogenicity: No data available.
Reproductive Toxicity: No data available.
Teratogenicity: No data available.
Specific Target Organ Toxicity (single exposure): No data available.
Specific Target Organ Toxicity (repeated exposure): No data available.
Aspiration Hazard: No data available.

10.2. Information on the Likely Routes of Exposure

No data available.

10.3. Potential Acute Health Effects

Eye Contact: Not classified.
Inhalation: Not classified.

Skin Contact: Not classified.
Ingestion: Not classified.

10.4. Symptoms Related to the Physical, Chemical and Toxicological Characteristics

Eye Contact: Not classified.
Inhalation: Not classified.
Skin Contact: Not classified.
Ingestion: Not classified.

10.5. Potential Delayed, Immediate and Chronic Effects from Short- and Long-Term Exposure

10.5.1. Short Term Exposure

Immediate Effects: No data available.
Delayed Effects: No data available.

10.5.2. Long Term Exposure

Immediate Effects: No data available.
Delayed Effects: No data available.

10.5.3. Potential Chronic Health Effects

No data available.

10.6. Conclusion/Summary

No data available.

SECTION 11: Ecological Information

Toxicity: No data available.
Persistence and Degradability: Not biodegradable.
Bio accumulative Potential: Compounds have bio accumulative potential.
Mobility in Soil: The product in solid, metallic form is not considered mobile. However, zinc ions are highly mobile is soils of low pH values.
Results of PBT and vPvB Assessment: No data available.
Other Adverse Effects: None.

SECTION 12: Disposal Considerations

12.1. Waste Treatment Methods

12.1.1. Product

Methods of Disposal: Recover, reclaim or recycle if practicable. Dispose of in accordance with local authority requirements.
Hazardous Waste: No data available.

12.1.2. Packaging

Methods of Disposal: Dispose of packaging in accordance with local regulations.
Special Precautions: No data available.

SECTION 13: Transport Information

13.1. Transport Information

Not classified as hazardous to transport.

13.2. Special Precautions for User

Overland Transport: Not applicable.
Transport by Sea: Not applicable.
Air Transport: Not applicable.
Inland Waterway Transport: Not applicable.
Rail Transport: Not applicable.

13.3. Transport in Bulk according to Annex II of MARPOL and the IBC Code

No data available.

SECTION 14: Regulatory Information

14.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

14.1.1. Regulations

Statutory Instrument: Chemicals (Hazards Information and Packaging) Regulations 2002; SI 2002/1689. Control of Substances Hazardous to Health 1999; SI 1000/437.
Approved Codes of Practice: Classification and Labelling of Substances and Preparations Dangerous for Supply. The Compilation of Safety Data Sheets (3rd Edition). Occupational Exposure Limits EH40.

14.1.2. Container Information

No data available.

14.1.3. Provisions

Guidance: COSHH essentials: easy steps to control chemicals. Control of substances hazardous to health regulations HSG193. Chip for everyone HSG108.

14.2. Chemical Safety Assessment

No data available.

SECTION 15: Other Information

The contents of this Safety Data Sheet are provided without warranty as to their accuracy or completeness. The supplier accepts no liability for any loss, injury or damage – direct or consequential – to any customer, their employees, or other persons arising from errors or omissions in this sheet, whether negligent or otherwise.