Lead Fixings

Safety Data Sheet

Issue date: 11/02/2026 *Version:* 1

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

1.1. Product Identifier

Product Name: Lead Fixings
Use: For fixing lead flashings in exposed situations.
Supplier: Premium Roofing Products, Unit B, Bingley Road, Hoddesdon, Hertfordshire, EN11 0NX
TEL: 01992 444100
Email: enquiries@leadsales.co.uk

1.2. Composition/Information on Ingredients

Substance	CAS No.	TLV – TWA (mg/m³)	Toxicological Data on Hazardous Ingredients
Copper	7440-50-8	1 (dust), 0.2 (fume)	N/A

SECTION 2: Hazards Identification

2.1. Main Hazards

Physicochemical Hazards: No data available.
Human Health Hazards: Dangerous in case of inhalation (fumes). As shipped, this product does not present any special health hazards. Conditions and work practices that generate dusts or fumes should be avoided or controlled. Dust and fumes may cause health effects.
Environmental Hazards: No data available.

2.2. Other Hazards

No data available.

SECTION 3: First Aid Measures

3.1. Description of First Aid Measures

First Aid Measures After Inhalation: Remove patient from exposure and bring to fresh air. If breathing is difficult, Give oxygen. In this case get immediate medical attention.
First Aid Measures After Skin Contact: Wash skin with water and soap after manipulating this product.
First Aid Measures After Eye Contact: Check for and remove any contact lenses. Immediately flush eyes with plenty of water, holding eyelids open, for at least 20 minutes. Consult a doctor.
First Aid Measures After Ingestion: Induce vomiting; refer to a doctor. Do not induce vomiting or give a liquid to an unconscious person.

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: Copper fumes may produce “metal fume fever”, a delayed, generally benign, transient, and reversible flu-like condition.
Symptoms/Effects After Skin Contact: No data available.
Symptoms/Effects After Eye Contact: No data available.

Symptoms/Effects After Ingestion: Copper dust acts as a foreign body, may irritate gastro-intestinal tract.

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: No data available.
Unsuitable Extinguishing Media: No data available.

4.2. Hazards Arising from the Substance or Mixture

Hazards from the Substance or Mixture: No data available.
Hazardous Thermal Decomposition Products: No data available.

4.3. Advice for Firefighters

Special Protective Actions for Firefighters: Non-flammable, but use material and instructions adapted to the immediate environment.
Special Protective Equipment for Firefighters: No data available.
Additional Information: This product is flammable in powder form only.

SECTION 5: Accidental Release Measures

5.1. Personal Precautions, Protective Equipment and Emergency Procedures

For Non-Emergency Personnel: No data available.
For Emergency Responders: No data available.

5.2. Environmental Precautions

Do not flush copper particles or copper oxide dust to drainage systems. Prevent particles or dust from entering natural watercourses.

5.3. Methods and Materials for Containment and Cleaning Up

For Containment: No data available.
Methods for Cleaning Up: Recover product and return to process. Wash down with water if in contact with acids.
Other Information: Not applicable.

SECTION 6: Handling and Storage

6.1. Precautions for Safe Handling

Protective Measures: Under normal circumstances, may be handled without personal protective equipment. Wear suitable protective equipment when cutting or manipulating DO NOT breath dust. In case of insufficient ventilation, wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the material safety data sheet.
Hygiene Measures: No data available.

6.2. Conditions for Safe Storage, Including any Incompatibilities

Keep away from incompatibles such as acids. Storage Store in a dry location, away from acids and oxidising materials.

6.3. Specific End Use(s)

No data available.

SECTION 7: Exposure Controls/Personal Protection

7.1. Control Parameters

Occupational Exposure Limits:

Substance	Exposure Limit (TLV-TWA)	Reference Standard
Dust	1mg/m³	EH40: 1997
Fume	0.2mg/m³	EH40: 1997

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: If user operations generate dusts or fumes, use ventilation to keep exposure to airborne contaminates below the exposure limits.
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: Working gloves.
Body Protection: Overalls and boots.
Other Skin Protection: Not applicable.
Eye/Face Protection: Safety glasses.
Respiratory Protection: No data available.

SECTION 8: Physical and Chemical Properties

Physical State: Solid
Colour: No data available.
Odour: No data available.
Odour Threshold: No data available.
pH: No data available.
Melting Point: 1083°C
Freezing Point: No data available.
Boiling Point: 2324°C
Flash Point: Not applicable.
Evaporation Rate: No data available.
Flammability: Non-flammable unless in powder form.
Vapour Pressure: No data available.
Vapour Density: No data available.
Relative Density: No data available.
Solubility: Insoluble.
Particion Coefficient n-octanol/water: No data available.
Auto-Ignition Temperature: Not applicable.
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: Molecular weight 63.55.
Specific gravity 8.92.

SECTION 9: Stability and Reactivity

Reactivity: Slightly reactive with acids. Reacts violently with acetylene, ammonium nitrate, bromates, chlorates, iodates. Copper foil burns spontaneously in gaseous chlorine.
Chemical Stability: No data available.
Possibility of Hazardous Reactions: No data available.
Conditions to Avoid: Avoid contact with chlorine and oxygen difluoride, ethylene oxide, fluorine, hydrogen peroxide, hydrazine mononitrate, and hydrazoic acid.
Incompatible Materials: Incompatible with sodium azide and sodium peroxide.
Hazardous Decomposition Products: No data available.

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: No data available.
Inhalation: No data available.
Skin Contact: No data available.
Ingestion: No data available.

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

Eye Contact: No data available.
Inhalation: No data available.
Skin Contact: No data available.
Ingestion: No data available.

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: Copper can cause “metal fume fever” in workers exposed to an extremely fine copper dust at concentrations of 0.075 to 0.12 mg/m3 .

10.5.2. Long Term Exposure

Immediate Effects: No data available.
Delayed Effects: Exposure to copper fumes may cause “metal fume fever”, a delayed, generally benign, reversible flu-like condition. The following are target organs for acute and chronic overexposure: respiratory system, skin, liver and kidneys.

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: No data available.
Bio accumulative Potential: No data available.

Mobility in Soil: No data available.
Results of PBT and vPvB Assessment: No data available.
Other Adverse Effects: Copper in large quantities may cause pollution of the watercourse with subsequent deterioration of water quality that may cause harm to aquatic life forms.

SECTION 12: Disposal Considerations

12.1. Waste Treatment Methods

12.1.1. Product

Methods of Disposal: Copper is a fully recyclable metal. Where scrap is generated, disposal can be obtained by the use of licensed non-ferrous scrap recyclers.
Hazardous Waste: No data available.

12.1.2. Packaging

Methods of Disposal: No data available.
Special Precautions: No data available.

SECTION 13: Transport Information

13.1. Transport Information

Non-regulated product.

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

No data available.

14.1.2. Container Information

No data available.

14.1.3. Provisions

No data available.

14.2. Chemical Safety Assessment

No data available.

SECTION 15: Other Information

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