



Hammond Road • Elms Estate • Bedford MK41 0ND • England

Telephone: +44 (0) 1234 364411 • Fax: +44 (0) 1234 271486

Email: info@terinex.co.uk

Website: www.terinex.co.uk

MATERIAL SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

ALUMINIUM FOIL

1.2. Relevant identified uses of the substance or mixture and uses advised against

Uses advised against

No data available.

1.3. Details of the supplier of the safety data sheet

Terinex Ltd
Hammond Road
Bedford
MK41 0ND

1.4. Emergency telephone number

Only available during office hours +44 (0)1234 364411

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Chemical Name Aluminium

Cas No. L1010092-5

2.2. Label elements

No label required

2.3. Other hazards

OSHA-PEL 15 mg/m³ (TWA) total dust. 5 mg/m³ (TWA) respirable dust

ACGIH-TLV 10 mg/m³ (TWA) aluminium metal dust.

SECTION 3: Composition/information on ingredients

3.1. Substances

ALUMINIUM FOIL
CAS No. L1010092-5



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SECTION 4: First Aid Measures

4.1. Description of first aid measures

Emergency Overview	This product with no health hazards reported from normal use. Thermal decomposition can create toxic gases or fumes.
Eye contact	Dust may cause irritation or corneal injury due to mechanical action. Fumes released during hot operation may cause eye irritation.
Skin Contact	No normal hazard. This material may cause skin injury due to mechanical action.
Inhalation	Fumes generated under heat may cause irritation to upper respiratory tract and lungs.
Ingestion	May be harmful if swallowed.

4.2. Most important symptoms and effects, both acute and delayed

No data available

4.3. Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Use water, water fog or foam, carbon dioxide or dry chemical to extinguish fires.)

Unsuitable extinguishing media

No available data.

5.2. Special hazards arising from the substance or mixture

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Dusts at sufficient concentrations can form explosive mixtures with air. Combustion generates toxic fumes.

5.3. Advice for firefighters

This material is molten if being heated strongly. No unusual hazards.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear appropriate personal protective equipment as specified in Section 5.

6.2. Environmental precautions

No special environmental precautions required.



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6.3. Methods and material for containment and cleaning up

Sweep, scoop or pick up spilled material, package for reclamation or recovery. Any product recovery or disposal must comply with local, state, federal, international or country specific regulations.

6.4. Reference to other sections

Section 5 PPE

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Keep far away from fire sources, heated or molten product when handling. Washing thoroughly after handling. Avoid contact with eyes. Avoid ingestion.

Measures to prevent fire

Keep far away from fire sources, heated or molten product when handling.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool, dry, and well-ventilated area and away from sources of ignition, excessive heat and direct sunlight. Keep container closed when not in use. Protect from physical damage. Put it lightly when packing and transport, prevent the packing and container from damage. Keep out of reach of children

7.3. Specific end use(s)

Same as section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No data available

8.2. Exposure controls

There are no significant health hazards under normal conditions of use. Dust of the product may cause eyes and skin irritation. Harmful if swallowed. Prolonged breathing of vapours may cause respiratory irritation.

Medical Conditions Generally Aggravated by Exposure: None known.

Respiratory Protection (Specify Type): N/A

Ventilation:

Local Exhaust: Yes

Mechanical (General): No

Special Other: No

Total dust 15 mg/m³

Respiratory dust 5 mg/m³



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Personal protection equipment

Eye and face protection

Not expected to require eye/face protection in ordinary use. Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166 and maintain eye wash fountain and quick-drench facilities in workshop.

Skin Protection

Not expected to require skin protection in ordinary use. But in workshop, appropriate glove and impervious protective clothing, including boot, gloves, lab coat, apron or coveralls should be worn to prevent skin exposure.

Respiratory Protection

Not expected to require respiratory protection in ordinary use. But in workshop, respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN149 must be followed whenever workplace conditions warrant a respirator's use.

Thermal Hazards

No data available

Other Personal Protection

Not expected to require protective clothing in ordinary use. In workshop, use impervious protective clothing to avoid prolonged skin contact. Also use chemical goggles.

Additional Protective Measures

Wash after use and before eating, drinking or smoking.

Work/Hygienic Practices:

None required in normal use.

Engineering Controls:

None required in normal use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Solubility in Water	Insoluble
Colour	Silver
Odour	Odourless
Appearance	Silvery metal

9.2. Other information

pH	No data available
Molecular Weight	No data available
Boiling point/boiling range	No data available
Melting point	No data
Flash point	No data



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SECTION 10: Stability and reactivity

10.1. Reactivity

This product is considered stable under normal conditions.

10.2. Chemical stability

This product is considered stable under normal conditions.

10.3. Possibility of hazardous reactions

Will not occur.

10.4. Conditions to avoid

Avoid direct sunlight, excessive heat, physical damage, moisture and air sensitive. Not corrosive.

10.5. Incompatible materials

Incompatible with halogens, strong acids, caustics, strong oxidizing agents, halogenated hydrocarbons.

10.6. Hazardous decomposition products

No data

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation	Not Corrosive.
Serious eye damage/irritation	No data available
Respiratory or skin sensitisation	No data available
Germ cell mutagenicity	No data available
Mutagenic Effects	No human or animal information was located.
Reprotoxic Effects	No human or animal information was located.
Teratogenicity and Embryotoxicity	No human information was located.

Summary of evaluation of the CMR properties

Carcinogenicity (NTP) (IARC) (OSHA) Not listed as a carcinogen.

SECTION 12: Ecological information

12.1. Toxicity

Environmental Toxicity: On the basis of available information, this product is not expected to produce any significant adverse environmental effects when recommended use instructions are followed.



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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Put into dustbin, otherwise incineration, otherwise licensed landfill, or safe disposal as required by local, state, federal, international or country specific regulations.

SECTION 14: Transport information

DOT (Department of Transportation): Not regulated.

Identification Number: Not applicable.

IATA/ICAO Class: Not regulated.

14.2. UN proper shipping name

Not regulated

14.3. Transport hazard class(s)

Not regulated

14.4. Packing group

Not regulated

14.5. Environmental hazards

Not regulated

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

NFPA Hazard Code:

Health hazard rating is 1.

Fire hazard is 1.

Reactivity rating is 0.

Special Hazard: None

15.2. Chemical safety assessment

These chemical substances of product are not listed in a priority list (as foreseen under Council Regulation (EEC) No 793/93 on the evaluation and control of the risks of existing substances.).

SECTION 16: Other information



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All reasonable care has been taken in the compilation of the information above. This information is given in good faith, and has been taken directly from technical documentation received from our raw material supplier based on their current state of knowledge. All test values are typical, and do not constitute a warranty. It is the customer's responsibility to ensure that the product is fit for its intended purpose and that actual conditions of use are suitable.

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