

Safety Data Sheet (SDS) – Silk Metal

1. IDENTIFICATION

1.1 Product identifier

Silk Metal

1.2 Recommended use

Decorative acoustic ceiling and wall products.

1.3 Recommended restrictions

Interior and protected exterior use. No other known restrictions.

1.4 Company contact

MATERIAL LOGIQ

123 Columbia Court N.

Chaska, MN 55318

USA

+1 (952) 448-5300

1.5 Emergency phone number

+1 (952) 448-5300

2. HAZARD IDENTIFICATION

2.1 Classification of the mixture/substance

Physical hazards: Not classified.

Health hazards: Not classified.

Environmental hazards: Not classified.

2.2 GHS label elements

Hazard symbol: None.

Signal word: None.

Hazard statement: None.

2.3 Precautionary statements

Prevention: Observe good industrial hygiene practices.

Response: Get medical attention/advice if you feel unwell.

Storage: Store as indicated in Section 7.

Disposal: Dispose of in accordance with local, state, and federal regulations.

2.4 Hazards not otherwise classified

Aluminum products as sold do not present an inhalation, ingestion, or skin hazard. However, downstream processes — such as welding, sawing, brazing, grinding, abrasive blasting, and machining — may generate fumes, dust (combustible or otherwise), and/or particulate that may present a variety of health hazards. Molten aluminum is also hazardous.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

Chemical Name	Common Name/Synonyms	CAS Number	Concentration %
Aluminum alloy	Aluminum panel substrate	—	97.6
Aluminum	Al	7429-90-5	>99 (of alloy)
Manganese	Mn	7439-96-5	<0.5 (of alloy)
Magnesium	Mg	7439-95-4	<0.3 (of alloy)
Chromium	Cr	7440-47-3	<0.1 (of alloy)
Coating	Surface finish	Not applicable	2.4

Composition comments: No coating constituents appear on lists of dangerous substances.

4. FIRST-AID MEASURES

4.1 Description of necessary measures

Inhalation:	Not applicable under normal conditions of intended use.
Skin contact:	Edges and notches (where present) may be sharp and can cut skin. Cuts or abrasions should be treated promptly with thorough cleansing of the affected area. Seek medical attention for severe cuts or abrasions.
Eye contact:	Sharp edges and notches (where present) may cause cuts and irritation. If eye is cut or otherwise damaged, seek medical attention.
Ingestion:	Not applicable.

4.2 Most important symptoms/effects, acute and delayed

Symptoms/effects: Under normal conditions of intended use, this material does not pose a risk to health.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Provide general supportive measures and treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1 Suitable (and unsuitable) extinguishing media

Suitable: Use Class D extinguishing agents on fines, chips, dust, or molten metal.

Unsuitable: DO NOT use halogenated extinguishing agents on fines, chips, or dust. DO NOT use water for fires involving molten metal. These extinguishing agents will react with burning metal.

5.2 Specific hazards arising from the mixture/substance

Not a fire hazard in its supplied form.

5.3 Special protective equipment and precautions for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Follow the general fire precautions indicated in the workplace and use standard firefighting procedures, considering the hazards of other involved materials.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment, and emergency procedures

Personal Precautions: None.

Protective Equipment: None.

6.2 Methods and materials for containment and cleaning up

Methods for cleaning up: Contain and remove by mechanical means. Dispose of in accordance with applicable local regulations.

References: Refer to Section 8 for personal protection and Section 13 for waste disposal.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Edges and notches (where present) may be sharp and can cut skin. Unload from packaging with caution and handle carefully.

7.2 Conditions for safe storage, including any incompatibilities

Dry, indoor storage is recommended at ambient temperature and atmospheric pressure. Falling pieces can pose an injury hazard. Do not store open boxes or individual pieces above chest level.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure limits

As supplied, this product does not contain any hazardous materials with occupational exposure limits established by region-specific regulatory bodies.

8.2 Appropriate engineering controls

Engineering measures: Ventilation is not normally required. Good general ventilation, showers, and eyewash stations are recommended.

8.3 Individual protection measures

Eye/face protection: Wear approved safety goggles.

Hand protection:	It is good industrial hygiene practice to minimize skin contact. For prolonged or repeated skin contact, use suitable protective gloves.
Respiratory protection:	Not necessary under normal conditions.
Skin protection:	None required under normal conditions.
Thermal hazards:	None.
Hygiene measures:	Handle in accordance with good industrial hygiene and safety practices.
Environmental Exposure Controls:	None.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance

Solid metal panel. Color varies.

9.2 Odor

Odorless.

9.3 Odor threshold

Not applicable.

9.4 pH

Not applicable.

9.5 Melting point/freezing point

Aluminum: 482–660 °C.

9.6 Initial boiling point and boiling range

Not applicable.

9.7 Flash point

Not applicable.

9.8 Evaporation rate

Not applicable.

9.9 Flammability (solid/gas)

Not applicable.

9.10 Upper/lower flammability or explosive limits

Not applicable.

9.11 Vapor pressure

Not applicable.

9.12 Vapor density

Not applicable.

9.13 Relative density

Aluminum: 2.5–2.9

Coating: 1.2–1.9

9.14 Solubility(ies)

Not soluble in water.

9.15 Partition coefficient: n-octanol/water

Not applicable.

9.16 Auto-ignition temperature

Not applicable.

9.17 Decomposition temperature

Not applicable.

9.18 Viscosity

Not applicable.

9.19 Other information

TVOC (mg/m²·h): 2.8135

Formaldehyde (mg/m²·h): 0.0050

10. STABILITY AND REACTIVITY

10.1 Reactivity

Non-reactive under normal conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

None under normal conditions.

10.4 Conditions to avoid (e.g., static discharge, shock, or vibration)

Contact with incompatible materials.

10.5 Incompatible materials

Strong oxidizing materials.

10.6 Hazardous decomposition products

None known.

11. TOXICOLOGICAL INFORMATION

Description of the various toxicological (health) effects and the available data used to identify those effects, including:

11.1 Information on the likely routes of exposure

Inhalation:	Not likely under normal conditions of intended use.
Skin contact:	Edges and notches (where present) may be sharp and can cut skin. Under normal conditions of intended use, this product does not pose a skin hazard.
Eye contact:	Contact with sharp edges and notches (where present) may cut the eye and cause eye damage.
Ingestion:	Not likely.

11.2 Symptoms related to the physical, chemical and toxicological characteristics

Sharp edges and notches (where present) may cause cuts and irritation.

11.3 Delayed and immediate effects and also chronic effects from short- and long-term exposure

No other specific acute or chronic health impact noted.

11.4 Numerical measures of toxicity (such as acute toxicity estimates)

Acute Toxicity (Oral):	No information available.
Acute Toxicity (Dermal):	No information available.
Acute Toxicity (Inhalation):	No information available.
Skin Corrosion/Irritation:	Edges and notches (where present) may be sharp and can cut skin.
Serious eye damage/irritation:	Contact with sharp edges and notches (where present) may cut the eye and cause eye damage.
Respiratory sensitization:	No data available.
Skin sensitization:	This product is not expected to cause skin sensitization.
Germ cell mutagenicity:	Not expected to be mutagenic.
Carcinogenicity:	Not expected.
Reproductive Toxicity:	Not expected to be a reproductive hazard.
STOT - Single exposure:	No data available.
STOT - Repeated exposure:	No data available.
Aspiration hazard:	Due to the physical form of the product, it is not an aspiration hazard.

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity (aquatic and terrestrial, where available)

Not expected to be harmful to aquatic organisms.

12.2 Persistence and degradability

No data is available on the degradability of this product.

12.3 Bioaccumulative potential

Bioaccumulation is not expected.

12.4 Mobility in soil

No information found.

12.5 Other adverse effects (such as hazardous to the ozone layer)

No other adverse environmental effects.

13. DISPOSAL CONSIDERATIONS

13.1 Waste residue, safe handling, and methods of disposal, including disposal of contaminated packaging

The metals contained in this product are recyclable. Dispose of in compliance with applicable federal, state, and local environmental control regulations. Dispose of contaminated packaging in accordance with local regulations.

14. TRANSPORT INFORMATION

Not classified as dangerous in the terms of transport regulations.

14.1 UN number

Not applicable.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group, if applicable

Not applicable.

14.5 Environmental hazards (e.g., Marine pollutant (Yes/No))

Not applicable.

14.6 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)

Not applicable.

14.7 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises

Not applicable.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations specific for the product in question

Generally, persons under 18 years of age are not allowed to work with this product. Users must be carefully instructed in the proper work procedure, the dangerous properties of the product, and the necessary safety instructions.

This product may contain a chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR 372.

Regulations (overview):	The data in this section is not intended to be exhaustive; only select regulations are represented.
TSCA:	The aluminum alloy components are listed on the EPA TSCA inventory.
RCRA:	Not listed as a hazardous waste under any sections of the Resource Conservation and Recovery Act or regulations (40 CFR 261 et seq.).
Superfund (CERCLA/SARA):	Not listed under CERCLA or its 1986 SARA amendments, including Section 313 Toxic Chemicals (42 USC 11023, 40 CFR 372.65), Section 302 Extremely Hazardous Substances (42 USC 11002, 40 CFR 355), or the CERCLA Hazardous Substances list (42 USC 9604, 40 CFR 302).
Safe Drinking Water Act:	Not regulated under the SDWA (42 USC 300g-1, 40 CFR 141 et seq.).
Clean Water Act:	Not a discharge covered by any water quality criteria of Section 304 of the CWA (33 USC 1314); not on the Section 307 List of Priority Pollutants (33 USC 1317, 40 CFR 12); not on the Section 311 List of Hazardous Substances (33 USC 1321, 40 CFR 116).
OSHA/Cal OSHA:	This SDS document meets the requirements of both OSHA (29 CFR 1910.1200) and Cal OSHA (Title 8 CCR 5194(g)) hazard communication standards. Refer to Section 8 for regulatory exposure limits.

16. OTHER INFORMATION

Date of SDS Preparation: Wednesday, April 22, 2026

Version: 1

For restrictions on use, see Section 15.

The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.