

Safety Data Sheet

SECTION 1- CHEMICAL PRODUCT INFORMATION

1.1 Product Identifier

Product Name: Simply Aluminum Extrusions

CAS No.: N/A

EC No.: N/A

Molecular Formula: N/A

Product model: N/A

Trademark: N/A

1.2 Product Recommendations and Restricted Uses

Recommended use of the product: Signage

Restricted use of the product: Please consult manufacturer

1.3 Details of the Supplier of the Safety Data Sheet

Name of Application Institution: Dongguan Sinyudong Metal Product Co., Ltd

Application Unit Address: Room 363, Building 19, No 1, Jindong Road, Fenggang Town, Dongguan City, Guangdong

Name of the Supplier: Dongguan Sinyudong Metal Product Co., Ltd

Supplier Address: Room 363, Building 19, No 1, Jindong Road, Fenggang Town, Dongguan City, Guangdong

Contact number: 0755-27815852

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SECTION 2- HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200, as amended by the 2024 Final Rule:

Based on available information, this product does not meet the criteria for classification as hazardous under the OSHA Hazard Communication Standard, 29 CFR 1910.1200, as amended by the 2024 Final Rule.

Label Elements

Hazard Pictograms: No pictogram required

Signal Word: No signal word required

Hazard Statements: No known significant effects or critical hazards

Precautionary statements

Prevention: Observe good industrial hygiene practices during handling and use

Response: No specific emergency response measures are required under normal conditions of use

Storage: Store in a cool, dry, and well-ventilated place

Disposal: Dispose of contents/container in accordance with applicable local, state, and federal regulations

Hazards Not Otherwise Classified (HNOC)

This product is not otherwise classified

No hazards identified based on available information

Additional information

This product is a consumer product intended for normal household use. Under normal conditions of use and reasonably foreseeable misuse, it is not expected to present a significant health or physical hazard.

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SECTION 3- COMPOSITION /HAZARDOUS INGREDIENTS

Classification of the substance or mixture: ☐ Substance ☒ Mixture

Component	CAS No.	Content (mass fraction, %)
A1	7429-90-5	98.228%
Mg	7439-95-4	1.063%
Si	7440-21-3	0.436%
Fe	7439-89-6	0.156%
Cr	7440-47-3	0.068%
Zn	7440-66-6	0.0138%
Cu	7440-50-8	0.0126%
Ti	7440-32-6	0.0100%
Mn	7439-96-5	0.0100%
Pb	7439-92-1	0.0026%

Note: N/A= Not applicable.

SECTION 4- FIRST AID MEASURES

4.1 Description of first aid measures

General Advice: First aid measures are usually necessary; please present this SDS to the doctor arriving at the scene.

Skin Contact: Normal contact is not harmful; if you have an allergic reaction, rinse skin thoroughly with soap and water.

Eye Contact: Open your eyelids and rinse your eyes with plenty of water for a few minutes. If irritation persists, seek medical attention.

Inhalation: Normal contact is harmless. If there is discomfort upon inhalation, move to a place with fresh air. Please consult a doctor.

Ingestion: Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, consult a doctor.

Protection for First Responders: Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. Wear personal protective clothing (see section 8).

4.2 Most important symptoms and effects, both acute and delayed

1. Please refer to Part 11 for details.

4.3 Indication of any immediate medical attention and special treatment needed

1. Targeted treatment based on the symptoms present.

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SECTION 5- FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media: Carbon dioxide, powder or water spray. Use water spray or alcohol resistant foam to extinguish the fire.

Unsuitable Extinguishing Media: Avoid using too strong water vapor to extinguish the fire, as it may cause the flames to spread and disperse.

5.2 Specific hazards arising from the substance or mixture

1. Burning may produce irritating, corrosive, and/or toxic gases. Smoke may cause dizziness or suffocation.

5.3 Advice for firefighters

1. When extinguishing a fire, a breathing mask (meeting MSHA/NIOSH requirements or equivalent) should be worn, and full body protective clothing should be worn.
2. Fight fire from a safe distance, with adequate cover.
3. Prevent fire water from polluting surface and groundwater systems.

SECTION 6- ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

1. Use personal protective equipment. Ensure sufficient ventilation. Ensure the crowd is away from or upwind of the leakage area. Unauthorized personnel are prohibited from entering. Remove all ignition sources.
2. If scattered on the ground, attention should be paid to anti-slip measures. For personal protection, please refer to section 8.
3. Avoid direct contact with eyes.

6.2 Environmental precautions

Collect leaks to avoid environmental pollution.

6.3 Storage and removal methods of leaked chemicals and the disposal materials used

1. Collect and place it in a suitable closed container for processing and recycling as much as possible.
2. Dispose of according to local laws and regulations.
3. Spark-free tools should be used. Absorb with inert materials. Spray water to suppress gas/vapor/mist droplets. For large spills, containment or other appropriate leak-prevention measures should be implemented to prevent material from spreading. If it is possible to pump out the trapped material, the recycled material should be stored in a suitable container. Clean up any remaining spilled material with appropriate absorbent.

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SECTION 7- HANDLING AND STORAGE

7.1 Precautions for Safe Handling

1. Handle according to good industrial hygiene and safety regulations.
2. Avoid direct contact with eyes.
3. Stay away from sparks and heat sources, and smoking is strictly prohibited in the workplace.

7.2 Precautions for storage

1. Store the container tightly in a dry, cool, and well-ventilated place.
2. It should be stored separately from oxidants, reducing agents, halogens, etc., and should not be stored together.
3. Stay away from heat sources, sparks, open flames, and hot surfaces.

SECTION 8- EXPOSURE CONTROLS /PERSONAL PROTECTION

8.1 Control Parameters

8.1.1 Occupational Exposure Limits: No further relevant information available

8.1.2 Biological Limit Values: No further relevant information available

8.1.3 Monitoring Methods

1. EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.

8.2 Engineering controls

1. Handle according to good industrial hygiene and safety practices
2. Ensure that there are eye wash and shower facilities near the workplace

8.3 Personal Protection Equipment

General Requirement: Not applicable

Eye Protection: During normal operation and use, special protection is generally not required.

Hand Protection: No special protection required

Respiratory System Protection: No special protection required

Skin and Body Protection: No special protection required

Other Protection: Smoking, eating, and drinking are forbidden on the job site

Maintain good hygiene habits

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SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Traits: Solid

Color: Aluminum alloy color

Odor: None

PH Value: No data available

Melting Point/Freezing Point (°C): No data available

Initial Boiling Point and Boiling Range (°C): No data available

Flash Point (Closed Cup, °C): No data available

Evaporation Rate: No data available

Flammability (Solid or gas): No data available

Explosion Upper/Lower Limit [% (v/v)]: No data available

Vapor Pressure (kPa): No data available

Vapor Density (air = 1): No data available

Relative Density (water = 1): No data available

Solubility (mg/L): No data available

Octanol/Water Partition Coefficient: No data available

Auto-Ignition Temperature (°C): No data available

Decomposition Temperature (°C): No data available

Viscosity: No data available

SECTION 10- STABILITY AND REACTIVITY

Reactivity: Under normal usage conditions, there are no known hazardous reactions

Chemical Stability: Stable under the correct conditions of use and storage

Possibility of Hazardous Reactions: No data available

Conditions to Avoid Contact: High temperature, open flame

Incompatible Materials: Strong oxidants

Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced

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SECTION 11- TOXICOLOGICAL INFORMATION

Acute Toxicity

Component	LD50 (Oral)	LD50 (Percutaneous)	LC50 (Inhalation, 4h)
All Components	No Data Available	No Data Available	No Data Available

Carcinogenicity

Component	IARC	NTP
All Components	Not Listed	Not Listed

Other Information

Skin Corrosion/Irritation: According to existing information, it does not meet the classification criteria

Serious Eye Injury/Eye Irritation: According to existing information, it does not meet the classification criteria

Skin Allergy: According to existing information, it does not meet the classification criteria

Respiratory Sensitization: According to existing information, it does not meet the classification criteria

Reproductive Toxicity: According to existing information, it does not meet the classification criteria

Specific Target Organ Toxicity (Single Exposure): According to existing information, it does not meet the classification criteria

Specific Target Organ Toxicity (Repeated Exposure): According to existing information, it does not meet the classification criteria

Inhalation Hazard: No details are available

Germ Cell Mutagenicity: No details are available

Reproductive Toxicity Additional Hazards: No details are available

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SECTION 12- ECOLOGICAL INFORMATION

Acute Aquatic Toxicity

Component	Algae/Aquatic Plants EC50	Fish LC50	Crustaceans EC50
All Components	No Data Available	No Data Available	No Data Available

Chronic Aquatic Toxicity

Component	Algae/Aquatic Plants EC50	Fish LC50	Crustaceans EC50
All Components	No Data Available	No Data Available	No Data Available

Persistence and Degradability: No data available

Bioenrichment or Bioaccumulation: No data available

Mobility in Soil: No data available

Evaluation Results of PBT /vPvB

Component	CAS No.	Evaluation Results of PBT / vPvB
All Components	/	Not PBT/ vPvB

SECTION 13- DISPOSAL CONSIDERATIONS

Waste Chemicals: Recycle as much as possible. Dispose of containers in accordance with local and relevant national regulations for the product being used.

Contaminated Packaging: After the packaging is emptied, there may still be residue hazards, and it should be kept away from heat and ignition sources. If possible, it should be returned to the supplier for recycling.

Disposal Considerations: Refer to the "Disposal" section

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SECTION 14- TRANSPORT INFORMATION

United Nations Dangerous Goods Number (UN No.): Not Applicable

UN Proper Shipping Name: Not regulated as dangerous goods transportation

United Nations Hazard Classification: Not Applicable

Packing Category: Not Applicable

Shipping Label: Not Applicable

Marine Pollutants (Yes/No): No

Packing Method: Pack according to the manufacturer's recommendations

Transportation Note: Check the integrity of the container packaging before transportation. Ensure that there is no damage or collapse during transportation. Goods shall not be mixed with oxidants, acids, alkali metals, amines, edible chemicals, etc. for transportation. Stay away from sparks and heat sources.

SECTION 15- REGULATORY INFORMATION

International Chemical Inventory

Component	EINECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECL	AICS
Al	✓	✓	✓	✓	✓	✓	✓	✓
Mg	✓	✓	✓	✓	✓	✓	✓	✓
Si	✓	✓	✓	✓	✓	✓	✓	✓
Fe	✓	✓	✓	✓	✓	✓	✓	✓
Cr	✓	✓	✓	✓	✓	✓	✓	✓
Zn	✓	✓	✓	✓	✓	✓	✓	✓
Cu	✓	✓	✓	✓	✓	✓	✓	✓
Ti	✓	✓	✓	✓	✓	✓	✓	✓
Mn	✓	✓	✓	✓	✓	✓	✓	✓
Pb	✓	✓	✓	✓	✓	✓	✓	✓

Note: "✓" Indicates that the substance is listed in the regulation

【EINECS】 European Inventory of Existing Chemical Substances.

【TSCA】 United States TSCA List of Chemical Substances.

【DSL】 Canadian Domestic Inventory of Chemical Substances.

【IECSC】 List of Existing Chemical Substances in China.

【NZIoC】 List of existing temporary chemical substances in New Zealand.

【PICCS】 Philippines Inventory of Chemicals and Chemical Substances.

【KECL】 List of Existing Chemical Substances in Korea.

【AICS】 List of Existing Chemical Substances in Australia

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SECTION 16- OTHER INFORMATION

Abbreviations and Acronyms Used in Safety Data Sheets

CAS	Chemical Abstracts Service	UN	United Nations
TWA	TWA (time-weighted average)	IMDG	International Maritime Dangerous Goods
STEL	STEL (Short-Term Exposure Limit)	ICAO	International Civil Aviation Organization
LC50	Lethal Concentration 50%	IATA	International Air Transportation Association
LD50	Lethal Dose 50%	IARC	International Agency for Research on Cancer
EC50	Effective Concentration 50%	ACGIH	American Conference of Governmental Industrial Hygienists
PBT	Persistence, bioaccumulation, toxic substances	NFPA	National Fire Protection Association
VPvB	Highly persistent, highly bioaccumulative substance	NTP	National Toxicology Program

Disclaimers

This Safety Data Sheet has been prepared in accordance with the OSHA Hazard Communication Standard, 29 CFR 1910.1200, including Appendix D, as amended by the 2024 Final Rule. The information contained herein is based on data provided by the manufacturer and information obtained from sources believed to be reliable as of the date of issue. This SDS is intended solely as guidance for the safe handling, use, storage, transportation, and disposal of the product and does not constitute a warranty or guarantee of product properties. Users are responsible for determining the suitability and completeness of the information for their specific conditions of use and for complying with all applicable laws and regulations.