

## SAFETY DATA SHEET

Applicant : DONGGUAN YICHANGSHENG(YONGXIE) METALLIC MATERIAL CO., LTD

Address : Xiaobian Xinhe Industrial Park, Chang'an Town, Dongguan City, Guangdong

Manufacturer : DONGGUAN YICHANGSHENG(YONGXIE) METALLIC MATERIAL CO., LTD

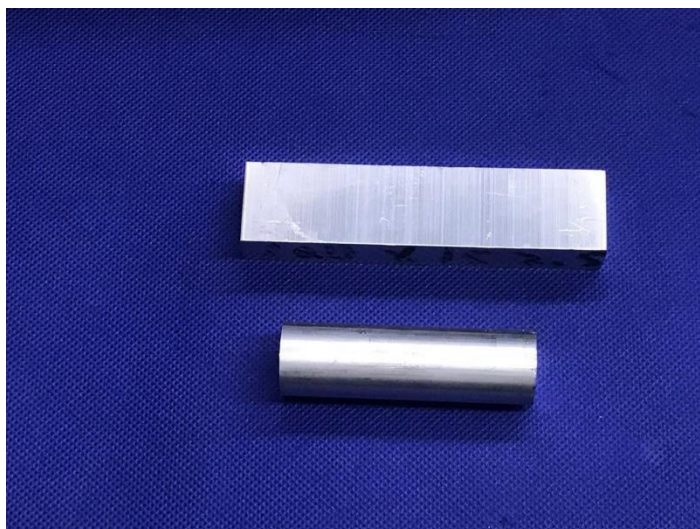
Address : Xiaobian Xinhe Industrial Park, Chang'an Town, Dongguan City, Guangdong

Product Name : Aluminum Alloy

Model No. : Please reference to next page(s).

Model may cover : /

Trademark : /



This report is limited to the above applicant company and the product model only.

Approved: \_\_\_\_\_

*Raymond*

Technical Director



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## SAFETY DATA SHEET

(According to GHS and European Regulation No.1272/2008, No.1907/2006 and its amendments)

### SECTION 1: IDENTIFICATION OF PRODUCT AND SUPPLIER

#### 1.1 Product Identifiers

Product Name:

Aluminum Alloy

(1) 1050, 1060, 1070, 1100, 1200, 1230, 1235, 1A50

(2) 2A12, 2024, 2219, 2A50, 2A14, 2017,

2014, 2524, 2519, 2A02, 2A43

(3) 3003, 3004, 3005, 3103, 3104, 3105, 3A21, 3N03

(4) 4004, 4045, 4343, 4012, 4017

(5) 5A12, 5005, 5005A, 5A05, 5A06, 5052, 5059, 5056, 5083, 5086, 5252, 5454, 5456, 5457, 5049, 5754, 5154,

5182, 5251, 5183, 5383, 5AN6, 5N83, 5A02, 5A03, 5N52, 5N82, 1561

(6) 6013, 6014, 6016, 6005, 6005A, 6008, 6082, 6061, 6063, 6101, 6A02,

Model:

6463, 6111, 6R01,

6056, 6060, 6N61, 6N63, 6N13, 6A63, 6G02, 6G14, 6G16

(7)

7015, 7020, 7021, 7046, 7146, 7050, 7055, 7072, 7075, 7150, 7175, 7A01,

7A04, 7A09, 7A52, 7085, 7A85, 7B05, 7B50, 7N01, 7N21, 7N75,

7S26, 7S26-1, 7S26-2, 7003, 7A99, 7N31, 7N41, 7N51, 7N61, 7475,

7A05, 7G75

(8) ZOT1、ZOT2、ZOT3、ZOT4、ZOT5、ZOT6、ZOT7、ZOT8、ZOT9、YOT1、YOT2、YOT3、YOT4、YOT5、SPC-1、SPM1

Model may cover:

/

Trademark:

/

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

Identified uses:

/

Export to:

/

#### 1.3 Details of the supplier of the safety data sheet

Manufacturer:

DONGGUAN YICHANGSHENG(YONGXIE) METALLIC  
MATERIAL CO., LTD

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**Report Date: 2024-03-07**
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Address: Xiaobian Xinhe Industrial Park, Chang'an Town, Dongguan City, Guangdong

Applicant: DONGGUAN YICHANGSHENG(YONGXIE) METALLIC MATERIAL CO., LTD

Address: Xiaobian Xinhe Industrial Park, Chang'an Town, Dongguan City, Guangdong

TEL: 13322604037 ZIP Code: /

E-Mail: /

Emergency telephone number:

Weekday: /

Night& Holiday: /

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Summary of emergencies

Classification of the substance or mixture REGULATION (EC) No 1272/2008  
 Not hazardous

### 2.2 GHS label elements, including precautionary instructions:

Pictogram Not applicable

Warning words Not applicable

Hazard statement Unclassified

Preventive measures Unclassified

Accident response Unclassified

Preventive measures This product is a solid metal and is not defined as a harmful substance, but in the processing of the product: metal dust for polishing and sanding, the temperature after heating, and the edges and corners after cutting, if the operation is careless and improper, it is dangerous.

Storage No information available

Waste disposal No information available

### 2.3 Other hazards None

## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Substance or mixture

Substance

### 3.2 Information about the chemical nature of product

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## Formulation for process

Common chemical name /general name	CAS number	Concentration/Concentration range, %
Si	7440-21-3	0.45
Mg	7439-95-4	0.63
Fe	7439-89-6	0.1
Cu	7440-50-8	<0.01
Mn	7439-96-5	<0.01
Zn	7440-66-6	0.02
Cr	7440-47-3	<0.01
Ti	7440-32-6	0.02
Al	7429-90-5	Remainder

**SECTION 4: FIRST AID MEASURES**
**4.1 Description of first aid measures**

General recommendations: Metal dust will be produced if the products are machined

Eye contact:	In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes. If yes and easy to do, please remove the contact lens. If any effect occurs, consult a doctor or medical services.
Skin Contact:	It is recommended to clean the skin after contact with the product. Wash skin with water / shower. If inflamed, see a doctor.
Skin Contact:	Wash off with soap and plenty of water
Inhalation:	If inhaled, move to a place with fresh air. Make sure the airway is open. If symptoms persist, consult a doctor.
Ingestion:	Accidental ingestion of this substance is unlikely. If this happens, rinse your mouth thoroughly and have an observer ensure that intestinal obstruction does not occur. Never feed anything from your mouth to an unconscious person. If symptoms persist, consult a doctor.

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

Inhalation: Dust may cause irritation of respiratory tract.  
 Ingestion: Ingestion of this product is unlikely.  
 Contact with skin: No effects expected. Chronic skin conditions may temporarily worsen from exposure to this product.  
 Contact with eyes: Dust may cause slight irritation. Fumes/vapor released during thermal operations such as hot-wire cutting may cause eye irritation.  
 Chronic (long term) : There is no known chronic health effect connected with long-term use or contact with this product.

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- 4.3 Indication of any immediate medical attention and special treatment needed  
Treat symptomatically

#### **SECTION 5: FIRE-FIGHTING MEASURES**

- 5.1 Extinguishing Media  
Non combustible, not applicable
- 5.2 Special hazards arising from the substance or mixture  
Non combustible, not applicable
- 5.3 Special injury from this substance or mixture  
Non combustible, not applicable
- 5.4 Advice to firefighters  
Non combustible, not applicable
- 5.5 Further information  
Non combustible, not applicable

#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

- 6.1 Personal precautions protective equipment and emergency procedures  
Not applicable.
- 6.2 Environmental precautions  
Not applicable.
- 6.3 Methods and materials for containment and cleaning up  
Not applicable.
- 6.4 Reference to other sections  
See sections13.

#### **SECTION 7: HANDLING AND STORAGE**

- 7.1 Precautions for safe handling  
The edge and section of the plate may cause skin cuts, which must be handled carefully. If there is metal dust in machining, be careful of eye and skin contact. Please carry protective equipment.
- 7.2 Conditions for safe storage, including any incompatibilities  
Stored in a dry and well ventilated place, it is prone to oxidation under long-term humidity and high temperature. Avoid storing with acid, alkali or corrosive substances

#### **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

- 8.1 Occupational exposure limit

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Information not available

## 8.2 Exposure controls

If you are exposed to smoke and dust for a long time, you need to have proper protection.

### Personal Protection :

usually no special protection is required. If necessary, including further treatment, please follow the following recommendations: hand protection protect hands with work gloves (see STANDARD EN 374). When selecting work gloves materials, the following factors should be considered: compatibility, degradation, failure time and permeability. Before use, check the resistance of work gloves to chemical reagents, as this may not be predictable. The wearing time of gloves depends on the time and type of use. Skin protection wear professional long sleeved overalls and safety shoes (see directive 89/686 / EEC and standard EN ISO 20344). After taking off protective clothing, wash your body with soap and water. Protect your eyes and wear airtight protective glasses (see STANDARD EN 166). Respiratory protection uses p-type filter masks, whose category (1, 2 or 3) and effective requirements must be defined according to the results of risk assessment (see STANDARD EN 149). When the concentration of particulate matter / dust in the air faced by workers exceeds the exposure limit, they must use appropriate certified respirators. Environmental exposure control should check the emissions from the manufacturing process, including emissions from ventilation equipment, to ensure compliance with environmental standards.

## 8.3 Environmental exposure controls

No special environmental precautions required.

# SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

## 9.1 Information on basic physical and chemical properties

a, appearance	Solid
b, color	Silver
c, odor	No odor
d, pH	No data available
e, Melting point/freezing point:	No data available
f, Initial boiling point and boiling range:	No data available
g, Flash point:	No data available
h, Kinematic viscosity:	No data available
i, Flammability :	No data available
j, Explosive properties:	No data available
k, Upper/lower limit of explosion	No data available
l, Vapour pressure(at 20°C):	No data available
m, Vapour density:	No data available
n, Density/relative density:	No data available

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o, Water solubility:	No data available
p, Partition coefficient n-octanol/water	No data available
q, Auto-ignition temperature:	No data available
r, Decomposition temperature:	No data available
s, Oxidizing properties:	No data available
t, The evaporation rate:	No data available
Viscosity	No data available

9.2 Other safety information  
No data available

#### SECTION 10: STABILITY AND REACTIVITY

- 10.1 Reactivity  
It is stable under the recommended storage conditions.
- 10.2 Chemical Stability  
It is stable under the recommended storage conditions.
- 10.3 Possibility of hazardous reactions  
No relevant information
- 10.4 Conditions to avoid  
Avoid acid and alkali substances
- 10.5 Incompatible materials  
No relevant information
- 10.6 Hazardous decomposition products  
No relevant information

#### SECTION 11: TOXICOLOGICAL INFORMATION

- 11.1 Information on toxicological effects
- |                                      |   |
|--------------------------------------|---|
| Acute toxicity                       | Based on available data, the classification criteria are not met. |
| Skin corrosion/ irritation           | Based on available data, the classification criteria are not met. |
| Serious eye damage/eye<br>irritation | Based on available data, the classification criteria are not met. |
| Respiratory or skin<br>sensitisation | Based on available data, the classification criteria are not met. |

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Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	Based on available data, the classification criteria are not met.
Specific target organ toxicity - single exposure	Based on available data, the classification criteria are not met.
Specific target organ toxicity - repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.
Additional Information	Based on available data, the classification criteria are not met.

**11.2 Additional instructions**

Registration of toxic effects of chemical substances:	No data available
Signs and symptoms of exposure:	No data available

**SECTION 12: ECOLOGICAL INFORMATION**

12.1 Toxicity:	Product is not classified as environmentally hazardous. Nevertheless, it should be avoided to discharge to the environment.
12.2 Persistence and degradability:	Information not available
12.3 Bio biodegradability:	Information not available
12.4 Mobility in soil:	Information not available
12.5 Other adverse effects:	Information not available

**SECTION 13: WASTE TREATMENT METHODS**

Product:	It is not a hazardous waste and is a recyclable resource.
Contaminated packaging	Dispose of as unused product.
Local disposal regulations	Refer to national and local regulations before disposal.
Hazardous waste code	No data available

**SECTION 14: TRANSPORT INFORMATION**

14.1 UN Number	
ADR/RID:	Not regulated
IMDG:	Not regulated
IATA-DGR:	Not regulated
14.2 UN proper shipping name	
ADR/RID:	Not regulated

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	IMDG:	Not regulated
	IATA-DGR:	Not regulated
14.3	Transport hazard class(es):	
	ADR/RID:	Not regulated
	IMDG:	Not regulated
	IATA-DGR:	Not regulated
14.4	Packaging group	
	ADR/RID:	Not regulated
	IMDG:	Not regulated
	IATA-DGR:	Not regulated
14.5	Environmental hazards	
	ADR/RID:	Not regulated
	IMDG:	Not regulated
	IATA-DGR:	Not regulated
14.6	Point six Special precautions	
	No data available	
14.7	Point seven Forbidden substance	
	Acid base substances	

## SECTION 15: REGULATION INFORMATION

- 15.1 Specific safety, health and environmental regulations / rules for this substance or mixture
- There are no substances in the candidate list for products or substances in accordance with Annex XVII of EC regulation 1907/2006 (Article 59 of reach). According to the available data, the product does not contain any SVHC greater than 0.1%. The substances subject to authorization (Annex XIV reach) do not have any substances subject to export reporting in accordance with (EC) regulations. 649/2012: no substances that comply with the Rotterdam Convention: no substances that are bound by the Stockholm Convention: no health care control information is available
- 15.2 Chemical safety assessment
- The product has not undergone a safety assessment.

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## SECTION 16: OTHER INFORMATION

The information contained in this safety data sheet is based on the present state of knowledge and current legislation.

Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use.

This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

This safety data sheet provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

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