



Test Report
检测报告

No.: S250103052002-1
编号: S250103052002-1

Date: Jan 08, 2025
日期: 2025年01月08日

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MSDS

化学品安全技术说明书

Sample Name: Aluminum alloy wire
样品名称: 铝合金线

Customer Name: Dongguan Xinzhaolong Hardware Co., Ltd.
客户名称: 东莞市新兆隆五金有限公司

Customer Address: Room 102, Building 1, No. 19, Yanhe North Road, Xiangxi, Shipai Town, Dongguan City
客户地址: 东莞市石排镇向西沿河路北 19 号 1 号楼 102 室

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Material Safety Data Sheet 化学品安全技术说明书

Section 1 - Chemical Product and Company Identification

第一项: 化学品名称和制造商信息

Sample Name: Aluminum alloy wire

样品名称: 铝合金线

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客户名称: 东莞市新兆隆五金有限公司

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客户地址: 东莞市石排镇向西沿河路北 19 号 1 号楼 102 室

Contact Person: Miss Liu

联系人: 刘小姐

Tel: 0769-81272286

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Section 2 - Hazards Identification

第二项: 危害信息

Fatalness grade: In accordance with Regulation (EC) No. 1272/2008, the sample is not divided into dangerous article.

危险性类别: 根据指令(EC) No. 1272/2008, 该样品未被划分为危险品。

Classification of the substance or mixture:

物质或混合物的分类:

This product is not classified as hazardous according to the GHS(The Globally Harmonized System of Classification and Labelling of Chemicals)

根据 GHS(全球化学品统一分类和标签制度), 该产品未被列为危险产品。

GHS Label elements, including precautionary statements:

GHS 标签元素, 包括预防声明:

Pictogram(s): No pictogram is used

象形图: 无象形图使用。

Signal Word: No signal word is used.

信号词: 无信号词使用。

Hazard Statement: No hazard statement.

危险说明: 无危险说明。

Precautionary statements: No precautionary statement

预防性声明: 没有预防性声明

Description of any hazards not other wise classified: No additional information available

任何未分类的危险的描述: 没有其他信息

Invasion route:

侵入途径:

Skin contact: Molten material may cause thermal burns.

皮肤接触: 熔融材料可能会导致烫伤

Eyes contact: No known significant effects or critical hazards.

眼睛接触: 没有已知的重大危害

Inhalation: No applicable.

吸入: 不适用

Ingestion: No applicable.

摄入: 不适用

Health hazards: The sample itself has non-toxic.

健康危害: 样品本身无毒。

Environment hazards: No known significant effects or critical hazards.

环境危害: 没有已知的重大危害。

Burn & burst danger: The sample can not be burned.

燃爆危险: 样品不可燃烧。

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Section 3 –Composition/Information on Ingredient

第三项: 组成信息

Pure Admixture

纯品 混合物

Composition:

化学成分:

Chemical Name 化学名称	CAS No. 化学文摘登记号	Composition (in% by weight) 成分重量百分比
Aluminium (Al) 铝(Al)	7429-90-5	98.915%
Silicon (Si) 硅(Si)	7440-21-3	0.308%
Iron(Fe) 铁(Fe)	7439-89-6	0.124%
Copper (Cu) 铜(Cu)	7440-50-8	0.012%
Manganese (Mn) 锰(Mn)	7439-96-5	0.002%
Magnesium (Mg) 镁(Mg)	7439-95-4	0.536%
Chromium (Cr) 铬(Cr)	7440-47-3	0.003%
Zinc (Zn) 锌(Zn)	7440-66-6	0.019%
Nickel (Ni) 镍(Ni)	7440-02-0	0.004%
Titanium(Ti) 钛(Ti)	7440-32-6	0.015%
Vanadium (V) 钒(V)	7440-62-2	0.016%
Lead (Pb) 铅(Pb)	7439-92-1	0.0014%
Tin (Sn) 锡(Sn)	7440-31-5	0.000%
Silver (Ag) 银(Ag)	7440-22-4	0.004%

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Beryllium (Be) 铍(Be)	7440-41-7	0.000%
Boron (B) 硼(B)	7440-42-8	0.002%
Calcium (Ca) 钙(Ca)	7440-70-2	0.001%
Cadmium (Cd) 镉(Cd)	7440-43-9	0.000%
Cobalt (Co) 钴(Co)	7440-48-4	0.002%
Gallium (Ga) 镓(Ga)	7440-55-3	0.015%
Bismuth (Bi) 铋(Bi)	7440-69-9	0.019%
Strontium (Sr) 锶(Sr)	7440-24-6	0.000%
Zirconium (Zr) 锆(Zr)	7440-67-7	0.000%

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Section 4 - First Aid Measures

第四项: 急救措施

Skin contact: If molten material contacts skin, gently peel off, wash in flowing water or soap wash skin.

Do not force to peel material from skin. Get medical aid.

皮肤接触: 如果熔融物接触皮肤, 轻轻剥下, 用流动清水或肥皂冲洗皮肤。不要强行从皮肤剥下, 立即就医。

Eyes contact: No applicable.

眼睛接触: 不适用。

Inhalation: No applicable.

吸入: 不适用。

Ingestion: Drink sufficient milk and induce vomiting. Get medical aid.

摄入: 喝足够的牛奶并催吐。立即就医。

Section 5 - Fire Fighting Measures

第五项: 消防措施

Danger characteristic: None.

危险特性: 无。

Hazardous combustion products: None.

有害燃烧产物: 无。

Fire-Fighting method & media: This metal will not cause a fire, the surrounding environment on fire, allows the use of all kinds of extinguishing agent.

灭火方法及灭火剂: 此金属不会引起火灾, 周围环境着火时, 允许使用各种灭火剂。

Section 6 - Accidental Release Measures

第六项: 泄露应急处理

Emergency treatment: Metal cutting edge and corner, may lead to personnel Contact a cut contusion, Recycled material as far as possible complete recovery, To have professional recycling units recycling.

应急处理: 金属切断边及边角, 可能导致人员接触性割伤挫伤, 可循环使用物质尽量彻底回收, 交给有资质回收单位回收。

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Section 7 - Handling and Storage

第七项: 操作和储存

Handling: Supply with sufficient partial air exhaust. The operating staff must have received special training and abide by the operating regulations. It is advised that the staff wear self-contained breathing dust respirator, protective gloves, and working clothes. Keep away from fire and heating sources. No smoking in the workplace. Prevent contacting with oxidizer and acid. Equip with relevant types and quantities of the extinguishment instruments and devices for divulgence handling.

操作注意事项: 提供充分的排风。操作人员必须经过专门培训。严格遵守操作规程。建议操作人员佩戴口罩, 穿工作服, 带手套。避免产生灰尘。避免与氧化剂和酸接触。配备相应品种和数量的泄漏应急处理设备。

Storage precautions: Store in a cool and ventilated warehouse. It should be stored separately from oxidants, strong acids and strong alkali, and mixed storage should be avoided. The storage area should be equipped with emergency response equipment for leaks and appropriate containment materials.

储存注意事项: 储存于阴凉、通风的库房。应与氧化剂, 强酸和强碱分开存放, 切忌混储。储存区应备有泄漏应急处理设备和合适的收容材料。

Section 8 - Exposure Controls, Personal Protection

第八项: 接触控制和个人防护措施

Maximum admissible concentration: No standard yet

最高容许浓度: 未制定标准

Monitoring Method: None.

监测方法: 无。

Engineering Control: Supply with sufficient partial air exhaust.

工程控制: 提供充分的局部排风。

Respiratory Protection: No special protection under normal use.

呼吸系统防护: 一般不需要特殊防护。

Eyes Protection: No special protection under normal use.

眼睛防护: 一般不需要特殊防护。

Body Protection: No special protection under normal use.

身体防护: 一般不需要特殊防护。

Hands Protection: No special protection under normal use.

手防护: 一般不需要特殊防护。

Other Protections: No smoking, dining and drinking water in the workplace. Keep good habit of hygiene.

其他防护: 工作现场禁止吸烟、进食和饮水。保持良好的卫生习惯。

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Section 9 - Physical and Chemical Properties

第九项: 物理和化学特性

Appearance: Alloy aluminum wire

外观: 合金铝线

Color: Silvery

颜色: 银色

Odour: Odorless

气味: 无气味

Solubility: Insoluble in water.

溶解性: 不溶于水

Flashpoint: N/A

闪点: N/A

Ignition temperature: N/A

燃点温度: N/A

Chemical properties: Preparation

化学品属性: 配制品

Section 10 - Stability and Reactivity

第十项: 稳定性和反应性

Stability: Stable under normal temperature and pressure

稳定性: 常态下稳定

Distribution of Ban: strong oxidizer, acid

禁配物: 强氧化剂, 酸。

Conditions to Avoid: Normal storage.

避免接触的条件: 正常存放。

Hazardous Polymerization: None.

聚合危害: 无。

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

分解产物: 正常条件下不会产生分解物及其他刺激性物质。

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Section 11 - Toxicological Information

第十一项: 毒理学信息

Acute Toxicity: No known significant effects or critical hazards.

急性毒性: 没有已知重大影响和危险。

Sub-acute and Chronic Toxicity: No known significant effects or critical hazards.

亚急性和慢性毒性: 没有已知重大影响和危险。

Irritation: No known significant effects or critical hazards.

刺激性: 没有已知重大影响和危险。

Sensitization: No known significant effects or critical hazards.

致敏性: 没有已知重大影响和危险。

Mutagenicity: No known significant effects or critical hazards.

致突变性: 没有已知重大影响和危险。

Carcinogenicity: No known significant effects or critical hazards.

致癌性: 没有已知重大影响和危险。

Others: No known significant effects or critical hazards.

其他: 没有已知重大影响和危险。

Section 12 - Ecological Information

第十二项: 生态学信息

Eco-toxicity: No known significant effects or critical hazards.

生态毒性: 没有已知重大影响和危险。

Biodegradable: No known significant effects or critical hazards.

生物降解性: 没有已知重大影响和危险。

Non-biodegradable: No known significant effects or critical hazards.

非生物降解性: 没有已知重大影响和危险。

Bioconcentration or biological accumulation: No known significant effects or critical hazards.

生物富集或生物积累性: 没有已知重大影响和危险。

Other harmful effects: No known significant effects or critical hazards.

其他有害作用: 没有已知重大影响和危险。

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Section 13 - Disposal Considerations

第十三项: 废弃处置

Nature of waste: This product is not regarded as hazardous waste, as defined by Regulation (EC) No. 1272/2008.

废弃物性质: 本样品不被视为危险废物, 所定义的法规(EC)No.1272/2008

Waste disposal methods: Refer to National or Local regulations before handling.

废弃处置方法: 处置前应参阅国家和地方有关法规。

Attention abandoned: Completely recyclable.

废弃注意事项: 可完全回收

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Section 14 - Transport Information

第十四项: 运输信息

Land transport

陆路运输

(ADR/RID)

No Applicable

不适用

No Applicable

不适用

No Applicable

不适用

No 否

Not required

无要求

Not required

无要求

UN-Number:

UN 编号:

Transport hazard class:

运输危险等级:

Packaging group:

包装类别:

Marine pollutant/海洋污染物:

Special precautions for user:

用户特别注意事项:

Transport in bulk according to MARPOL

73/78 Annex II and the IBC code/按照 73/78 防污公约附则 II 和 IBC 规则散装运输:

Packaging Information: No data available.

包装情况: 无资料。

Transport Fashion: By highway

运输方式: 公路。

Transport Attentions: Examine whether the package of the containers are integrate or not before transport. No divulgence, no collapse, no precipitation or no damage during the course of transportation. Don't put the goods together with oxidizer and strong acid. The transport vehicle must be cleaned and sterilized otherwise it is not allowed to assemble articles. During transport, the vehicle should prevent exposure, rain and high temperature. For stopovers, the vehicle should be away from fire and heat sources.

运输注意事项: 运输前应先检查包装容器是否完整、密封, 运输过程中要确保容器不泄漏、不倒塌、不坠落、不损坏。严禁与氧化剂、食用化学品等混装混运。运输车必须彻底清洗、消毒, 否则不得装运其它物品。运输时车辆应避免雨淋和高温, 中途停留时, 车辆应远离明火和高温热源

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Section 15 - Regulatory Information

第十五项: 法规信息

Regulatory Information: ISO 11014-2009 Safety data sheet for chemical products - Content and order of sections.

法规信息: ISO 11014-2009 化学品安全资料表的内容和项目顺序。

Regulation (EC) No. 1272/2008 Classification, Labelling and Packaging of Substances and Mixtures.

法规(EC)No.1272/2008, 标签和包装的物质和混合物。

Section 16 - Additional Information

第十六项: 其他信息

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier, nor any its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

以上信息基于数据准确的基础上, 因为此信息可能在我们无法控制的情况下被应用, 或者被修改, 对此我们不承担任何责任。此信息在收件人决定对材料的专有目的的情况下而配置。

Remark: The evaluation report is based on official website data and customer supply information, only for customer research, teaching, internal quality control, product development and other purposes, for reference only.

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