

南京恒翔保温材料制造有限公司

Nanjing Hengxiang Insulation Materials Manufacturing Co.,Ltd

材 料 安 全 数 据 手 册

产品名称：岩棉

Product name: ROCKWOOL

文件编号：KH071001

Brand: KAIHUA

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材料安全数据手册

MATERIAL SAFETY DATA SHEET

1 产品名称及企业标识

Identification of the product

产品名称: Name:	凯华牌岩棉 KaiHua Rockwool
产品编码: Product code:	H.S6806100090
用途: Product use	保温、隔音、防火 thermal insulation, noise elimination and fireproofing
公司名称: Company name	南京恒翔保温材料制造有限公司 Nanjing Hengxiang Insulation Materials Manufacturing Co., Ltd.
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2 成份/组成信

Product ingredients

该产品是以天然玄武岩、白云石、辉绿岩等天然岩石，经高温熔融，用高速离心机甩制成纤。加入适量粘结剂后，固化成形后形成。该产品含有下列物质：

The product ingredients are as follows:

成分 Ingredients	AL ₂ O ₃	SiO ₂	CaO	Fe ₂ O ₃	MgO	K ₂ O+Na ₂ O+ Na ₂ SO ₄
含量% Percentage	9-18	40-50	18-28	1-9	5-18	1-5

● 吸音降噪 | Acoustic Control

凯华岩棉是理想的隔音材料，大量的细长纤维形成了多孔连通结构，决定了凯华岩棉是一种出色的吸音降噪材料。

Kaihua Rock Wool is an ideal acoustic material, its large amount of slender fibres can form porous connecting structure, which determines that Kaihua Rock Wool is a kind of outstanding sound-absorbing and noise-reduction material



● 无腐蚀性 | No Corrosion

凯华岩棉化学性质稳定，PH值为7-8，呈中性或弱碱性，对碳钢、不锈钢、铝等金属材料均无腐蚀。

Kaihua Rock Wool has stable chemical nature, its PH value is 7-8, which is neutral or weakly Alkaline, and it does not corrupt metal materials including carbon steel, stainless steel, aluminum, etc.

● 健康、环保 | Healthy and environmental-friendly

凯华岩棉在生产过程未使用石棉，CFC、HFC、HCFC等对环境有害的物质。不会被腐蚀或产生霉变、产生细菌。（注：岩棉已被国际癌症研究权威机构认定为不致癌物质）。

Asbestos, CFC, HFC, HCFC and other hazardous substances harmful to environment are not used in the process of producing Kaihua Rock Wool. It cannot be corrupted, mildewed or bacteria producing. (Remark: Rock wool has been recognized as a non-carcinogenic substance by international cancer research authority.)

3 危害性概述
Potentially Hazardous

眼睛 Eyes	刺激。暴露纤维中可能导致刺激、流眼泪、眼红、眼痛。 Stimulation. Exposed fibers may cause irritation, watery eyes, red eyes, eye pain.
吸入 Inhale	刺激。暴露纤维可能导致呼吸道黏膜刺激。本产品含有的纤维是可生物溶解，因此大大减少了负面健康影响。 Stimulation. Exposed fibers may lead to respiratory mucous membrane irritation. This product contains a bio-soluble fiber, thus greatly reducing the negative health effects.
皮肤 Skin	刺激。长期接触可能导致刺激、发痒和皮肤红斑。吞入不适用。 Stimulation. Long-term exposure may cause irritation, itching and skin erythematic. Ingestion is not applicable.
吞入 Ingestion	不适用。考虑到产品的形式，吞入不太可能。 Not applicable. Taking into account product form, ingestion is unlikely.



4 理化信息 Physical and Chemical properties

物理状态 Physical state	固态 Solid
容重（密度） Density	40-200Kg/m ³
憎水性能 Water-proof	≥98%
防火性能 Fire Performance	A1 级不燃 Non-inflammability
最高使用温度 Max Temperature for use (Deg C)	750°C
导热系数(W/m-K) 70 °C Thermal Conductivity (W/m-K)	0.043
抗潮湿性能 Moisture Resrance	≤0.2%

5 处置注意事项 Disposal Considerations

本产品通过国家环保认证。证书编号：CQA05094。

废物处置：放置在密封、适当标签的塑料袋，送到经审批的填埋场处置。合适的标签：“注意：合成矿物纤维废物”。使用微型真空吸尘器或洒水清洁。

Environmental certified by the State. Certification NO:CQA05094

Waste Disposal: Place in sealed, properly labeled plastic bags, to the approved landfill disposal. Appropriate label: "Caution: synthetic mineral fiber waste." Use of micro-vacuum cleaner or water spray cleaning.

6 接触控制/个人防护 PPE

● 个人防护

Personal Protection

● 呼吸防护：佩带口罩（普通纱布口罩即可）

Breathe Protection: Should wear a breathing mask (normal gauze type)

● 眼部防护：佩带安全的眼部保护设备（能防止纤维灰尘进入眼部即可）

Eyes Protection: Should wear a glass (to keep from the fiber and dust)

● 手部防护：佩带手套

Hands Protection: Should wear gloves

● 皮肤防护：工作结束后，洗澡清洁皮肤

Skin Protection: Take a bath after job

● 通风：安装时使用足够的自然或机械通风。如果切割，建议采用局部的抽风。使用微型真空吸尘器或洒水清理区域。保持粉尘水平低于建议的暴露标准。

Ventilation: Use enough to install natural or mechanical ventilation. If cutting, local exhaust recommended. Use of micro-vacuum cleaner or water spray cleaning area. To keep dust levels below the recommended exposure standard.

7 装卸与储存 Handling and Storage

● 产品只有运到使用地，才能打开产品包装。这样可以最大程度地减少产品的装卸次数。 Products shipped only to the use of land, to open the product packaging.

This will minimize the number of product handling,

● 预防潜在的损害发生请不要直接在产品上行走。如果必须要在产品上走动，请在产品表面铺上厚木板，分散产品表面的受压情况。严禁在同一块产品上施加重压。 Prevent potential damage occurs, do not walk directly on the product. If you have to walk on the product, in the product surface covered with planks, pressure on the surface of dispersed product situation. Products is prohibited on the same applied pressure,

● 未安装和已安装的产品都要采取防潮保护，避免直接暴露在潮湿的天气中（如雨雪天气）。 Not installed and installed the product should be taken to moisture protection, avoid direct exposure to wet weather (such as rain or snow)

储存： 储存在凉爽、干燥区域的密封容器中。保证包装上适当地贴上标签，不使用时防止受到物理性破坏及损坏密封。**Storage:** Store in a cool, dry area of the sealed container. Ensure proper labeling on the package when not in use to protect against physical damage and damage to the seal.

产品的堆放高度建议如下：

Stacking height of the product recommendations are:

- 在标准集装箱内，每包/卷产品的堆放高度为 2.7 米

In the standard container, in a package / product stacking height of volume 2.7 m

- 如采用集装架运输，产品堆放高度为 2 个集装架的高度

Such as the use of pallet transportation, product stacking height of two pallets high

