



化学品安全技术说明书

Material Safety Data Sheet

报告编号 Report No.: CTB26052802701CS01

样品名称: 环氧彩砂自流平漆 (双组分)
Sample Name: Epoxy colored sand self-leveling paint

样品型号: 不适用
Sample Model: N/A

委托单位: 广东康王纳米新材料科技有限公司
Applicant: Guangdong Kangwang Nano New Materials Technology Co., Ltd.

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深圳市环测威检测技术有限公司

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第一部分 化学品及企业标识

Section 1 - Chemical Product and Company Identification

样品名称 Sample Name	环氧彩砂自流平漆（双组分） Epoxy colored sand self-leveling paint		
型号与商标 Model and trademark	不适用；不适用 N/A; N/A		
产品的推荐用途 Product determine uses	/		
实验室 Laboratory	深圳市环测威检测技术有限公司 Shenzhen CTB Testing Technology Co., Ltd		
实验地址 Testing Address	深圳市宝安区新桥街道新桥社区新和大道 26 号 A 栋 1 层、二楼 1&2/F., Building A, No.26, Xinhe Road, Xinqiao, Xinqiao Street,Bao'an District, Shenzhen, Guangdong, China		
委托单位 Applicant	广东康王纳米新材料科技有限公司 Guangdong Kangwang Nano New Materials Technology Co., Ltd.		
委托单位地址 Client address	广东省佛山市顺德区杏坛镇杏坛社区南国西路 388 号 No. 388, South Guo Road, Xingtan Community, Xingtan Town, Shunde District, Foshan City, Guangdong Province		
生产单位 Manufacturer	广东康王纳米新材料科技有限公司 Guangdong Kangwang Nano New Materials Technology Co., Ltd.		
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第二部分 危险性概述

Section 2 - Hazards Identification

GHS 危险性分类: 根据欧洲法规(EC) No 1272/2008 [CLP]和(EC) 2020/878 进行分类

根据法规(EC) No 1272/2008 和(EC) 2020/878, 不是危险混合物。

Classification according to GHS: Classification in accordance with European Regulation (EC) No. 1272/2008 [CLP]& (EC) 2020/878

Not a hazardous mixture according to Regulation (EC) No 1272/2008 & (EC) 2020/878.

GHS 标签要素 Label elements	
象形图 Hazard pictogram(s)	无数据 No available
警示词 Signal word	无数据 No available
危险性说明 Hazard statement(s)	无数据 No available
防范说明 Precautionary statement(s)	
预防措施 Prevention	无数据 No available
事故响应 Response	无数据 No available
安全储存 Safe storage	无数据 No available
废弃处置 Disposal	无数据 No available

物理和化学危险: 无相关详细资料。

Physical and chemical hazards: No information available.

健康危害: 接触会引起眼睛刺激。症状可能包括刺痛, 流泪, 发红, 眼睛肿胀。会对皮肤刺激, 长时间或重复接触可能会干燥皮肤。症状可能包括发红, 灼烧, 皮肤干燥和开裂以及皮肤灼伤。若吸入是有害的。小量吞咽不太可能造成有害影响, 但可能会导致胃或肠不适。吞咽较大量可能是有害的。

Health hazards: Contact can cause eye irritation. Symptoms may include stinging, tearing, redness, and swollen eyes. May cause skin irritation, prolonged or repeated exposure may dry the skin. Symptoms may include redness, burning, dry and cracked skin, and skin burns. If inhaled, it is harmful. Swallowing in small amounts is unlikely to cause harmful effects, but may lead to discomfort in the stomach or intestines. Swallowing large amounts may be harmful.

环境危害: 无相关详细资料。

Environmental hazards: No information available.

第三部分 成分/组成信息

Section 3 - Composition/Information on Ingredients

A 组 Group A		
该物质或混合物的分类: ☐ 物质 ☒ 混合物 Classification of the substance or mixture: ☐ Substance ☒ Mixture		
化学名称 Chemical Composition	CAS No.	含量范围 (质量分数, %) Concentration (weight percent, %)
树脂 resin	25068-38-6	24
分散剂 dispersant	9003-05-8	3
流平剂 flattening agent	68937-54-2	1
消泡剂 defoaming agent	68439-50-9	2
重钙 coarse whiting	471-34-1	25
硫酸钡 barium sulfate	7727-43-7	25
彩砂 colored grit	14808-60-7	20
注 Note: CAS No.: 化学文摘社 Chemical Abstracts Service (Division of the American Chemical Society).		

B 组 Group B		
该物质或混合物的分类: ☒ 物质 ☐ 混合物 Classification of the substance or mixture: ☒ Substance ☐ Mixture		
化学名称 Chemical Composition	CAS No.	含量范围 (质量分数, %) Concentration (weight percent, %)
固化剂 curing agent	68479-98-1	100
注 Note: CAS No.: 化学文摘社 Chemical Abstracts Service (Division of the American Chemical Society).		

第四部分 急救措施

Section 4 - First Aid Measures

眼睛接触: 用充足的水冲洗眼睛至少 15 分钟, 如果刺激持续存在, 请选择医疗援助。

Eye contact: Rinse eyes with sufficient water for at least 15 minutes. If irritation persists, seek medical assistance.

皮肤接触: 脱去污染的衣物并用肥皂和水清洗患处。如果刺激持续存在, 请选择医疗援助。

Skin contact: Remove contaminated clothing and wash the affected area with soap and water. If the stimulus persists, please choose medical assistance.

吸入: 将患者移至空气新鲜通风处, 如果呼吸停止或困难应给予人工呼吸(如口对口), 防止呕吐物吸入, 把中毒者的头转向一面, 并立即就医。

Inhalation: Move the patient to a fresh and ventilated area. If breathing stops or becomes difficult, artificial respiration (such as mouth to mouth) should be administered to prevent the inhalation of vomit. Turn the poisoned person's head to one side and seek medical attention immediately.

食入: 千万不要给失去知觉者从嘴里进食, 如症状持续, 呼叫医生, 没有医生的建议, 不要引发呕吐。

Ingestion: Never feed an unconscious person from their mouth. If symptoms persist, call a doctor. Without medical advice, do not induce vomiting.

第五部分 消防措施

Section 5 - Fire-fighting measures

灭火方法及灭火剂: 使用雾状水、抗酒精泡沫、干粉或二氧化碳灭火。

Extinguishing method and extinguishing agent: Use water mist, alcohol resistant foam, dry powder or carbon dioxide to extinguish the fire.

源于此物质或混合物的特别的危害: 火灾时可能产生有害的可燃气体或蒸气。

Special hazards from this substance or mixture: A fire may produce harmful flammable gases or vapors.

消防措施: 隔离事故现场, 禁止无关人员进入。消防员必须穿戴自给式呼吸器和全身消防服, 在逆风方向灭火。将容器从火灾现场移到尽可能开阔的地方。如果火灾现场的集装箱变色或安全救援装置发出声音, 必须立即疏散。

Fire protection measures: Isolate the accident site and prohibit irrelevant personnel from entering. Firefighters must wear self-contained breathing apparatus and full-body firefighting clothing to fight fires upwind. Remove the container from the scene of the fire to as open an area as possible. If the container at the scene of the fire changes color or the safety rescue device makes a sound, it must be evacuated immediately.

第六部分 泄漏应急处理

Section 6 - Accidental release measures

人身防护、保护设备和应急程序: 使用个人防护设备。避免吸入气体/烟雾/蒸气/喷雾。确保通风良好。清除所有点火源。迅速将人员从污染区疏散到安全区, 远离泄漏区域并处于上风方向。隔离人员, 严格限制出入。尽可能切断泄漏源。

Personal precautions, protective equipment and emergency procedures: Use personal protective

equipment. Avoid breathing gas/smoke/vapor/spray. Ensure good ventilation. Remove all ignition sources. Quickly evacuate personnel from the contaminated area to a safe zone, away from the leak area and in the upwind direction. Isolate personnel and strictly restrict their entry and exit. Cut off the leakage source as much as possible.

环境保护措施: 在确保安全的情况下, 采取措施防止进一步的泄漏或溢出。避免排放到周围环境中。

Environmental precautions: Prevent further leakage or spillage if safe to do so. Discharge into the environment must be avoided.

泄漏化学品的收容、清除方法及所使用的处置材料: 不尽可能将泄漏液体收集在可密闭的容器中。用沙土、活性炭或其它惰性材料吸收, 并转移至安全场所。禁止冲入下水道。

Steps to be taken in case material is spilled or released and Waste disposal method: Collect the leaking liquid in a sealable container whenever possible. Absorb with sand, activated carbon or other inert material and transfer to a safe place. Do not flush down the drain.

第七部分 操作处置和储存

Section 7 - Handling and storage

操作注意事项: 操作人员应经过专门培训, 严格遵守操作规程。操作和处置应在有局部通风或综合通风设施的场所进行。防止吸入蒸汽和烟雾。避免接触皮肤、眼睛和衣物。处理后彻底清洗双手和脸。

Precautions for safe handling: Operators should receive specialized training and strictly follow the operating procedures. Operation and disposal should be carried out in places with local ventilation or comprehensive ventilation facilities. Prevent inhalation of steam and fumes. Avoid contact with skin, eyes, and clothing. Thoroughly clean hands and face after treatment.

储存注意事项: 贮存于干燥、阴凉、通风良好的仓库。远离火种和热源。应与氧化剂分开存放, 不得混合存放。

Storage precautions: Store in dry, cool and well-ventilated warehouse. Keep away from fire and heat. Store separately from oxidizers and do not mix.

第八部分 接触控制/个人防护

Section 8 - Exposure controls/personal protection

职业接触限值: 没有适用于产品或组件的暴露限制。

Occupational exposure limit: There are no exposure limits applicable to products or components.

监测方法: 无信息。

Monitoring method: No information.

工程控制: 按照良好的工业卫生和安全规定处理。确保通风充足。提供紧急洗眼器和淋浴设备。

Engineering controls: Handle in accordance with good industrial health and safety practices. Ensure adequate ventilation. Emergency eyewash and shower facilities are available.

眼睛防护: 佩戴化学安全防护眼镜。

Eye protection: Wear chemical safety goggles.

手部防护: 佩戴乳胶手套。

Hand protection: Wear latex gloves.

呼吸防护: 当空气中的浓度超过标准时, 必须佩戴自吸过滤防毒面具(半面罩)。在紧急情况下进行救援或疏散

时, 应佩戴空气呼吸器。

Respiratory protection: When the concentration in the air exceeds the standard, a self-priming filter gas mask (half mask) must be worn. An air respirator should be worn during rescue or evacuation in an emergency.

皮肤和身体防护: 穿防渗防护服。

Skin and Body protection: Wear anti-seepage protective clothing.

第九部分 理化特性

Section 9 - Physical and Chemical Properties

外观与性状 Appearance and traits	液体 Liquid	气味 Odor	稍有气味 Slight odor
酸碱度 pH	无数据资料 No data	相对密度 (g/cm ³) Relative density (g/cm ³)	无数据资料 No data
闪点(°C) Flash point (°C)	无数据资料 No data	熔点(°C) Melting point (°C)	无数据资料 No data
沸点(°C) Boiling point (°C)	无数据资料 No data	辛醇/水分配系数 Octanol/water partition coefficient	无数据资料 No data
溶解性 Solubility	不溶于水 Insoluble in water	自燃温度 (°C) Autoignition temperature (°C)	无数据资料 No data

第十部分 稳定性和反应活性

Section 10 - Stability and Reactivity

反应性: 与不相容物质接触可发生分解或其它化学反应。

Reactivity: Contact with incompatible substances may result in decomposition or other chemical reactions.

稳定性: 本产品在正常环境温度下储存和使用稳定。

Chemical stability: This product is stable in storage and use under normal ambient temperature..

危险反应的可能性: 无数据资料。

Possibility of hazardous reactions: No data available.

应避免条件: 不相容的材料, 热, 火焰和火花。

Conditions to Avoid: Incompatible materials, heat, flame and spark.

禁配物: 强氧化剂, 强酸。

Incompatibilities: Strong oxidant, strong acid.

具有危害性的分解产物: 无数据资料。

Hazardous decomposition products: No data available.

第十一部分 毒理学资料

Section 11 - Toxicological Information

急性毒性 LC50/LD50: 无相关详细资料。

Acute toxicity LD/LC50 Values relevant for classification: No further relevant information available.

注: LC50: 半数致死浓度 (lethal concentration, 50 percent kill)

LD50: 半数致死剂量 (lethal dose, 50 percent kill)

皮肤腐蚀/刺激: 根据现有资料, 不符合分类标准。

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

严重眼损伤/眼刺激: 根据现有资料, 不符合分类标准。

Serious eye damage/irritation: Based on available data, the classification criteria are not met.

皮肤致敏: 根据现有资料, 不符合分类标准。

Skin sensitization: Based on available data, the classification criteria are not met.

呼吸致敏: 根据现有资料, 不符合分类标准。

Respiratory sensitization: Based on available data, the classification criteria are not met.

生殖毒性: 根据现有资料, 不符合分类标准。

Reproductive toxicity: Based on available data, the classification criteria are not met.

特定目标器官毒性-单次接触: 根据现有资料, 不符合分类标准。

Specific target organ toxicity – single exposure: Based on available data, the classification criteria are not met.

特定目标器官毒性-反复接触: 根据现有资料, 不符合分类标准。

Specific target organ toxicity – repeated exposure: Based on available data, the classification criteria are not met.

吸入危害: 根据现有资料, 不符合分类标准。

Aspiration hazard: Based on available data, the classification criteria are not met.

生殖细胞致突变性: 根据现有资料, 不符合分类标准。

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

生殖毒性附加危害: 根据现有资料, 不符合分类标准。

Reproductive toxicity(additional): Based on available data, the classification criteria are not met.

第十二部分 生态学资料

Section 12 - Ecological Information

12.1 生态毒性 Ecological toxicity

急性水生毒性: 无相关详细资料。

Acute aquatic toxicity: No further relevant information available.

慢性水生毒性: 无相关详细资料。

Chronic aquatic toxicity: No further relevant information available.

12.2 持久性和降解性: 无相关详细资料。

12.2 Persistence and degradability: No further relevant information available.

12.3 生物富集或生物积累性: 无相关详细资料。

12.3 Bioaccumulative potential: No further relevant information available.

12.4 土壤中的迁移性: 无相关详细资料。

12.4 Mobility in soil: No further relevant information available.

12.5 PBT 和 vPvB 的结果评价: 无相关详细资料。

12.5 Results of PBT and vPvB assessment: No further relevant information available.

12.6 内分泌干扰物特性: 无相关详细资料。

12.6 Endocrine disrupting properties: No further relevant information available.

12.7 其它有害效应: 无相关详细资料。

12.7 Other adverse effects: No further relevant information available.

第十三部分 废弃处置

Section 13 - Disposal Considerations

废弃化学品: 必须按照当地和国家法律法规进行处理。尽可能回收, 或将其转移到许可的化学销毁厂。

Waste chemicals: Must be disposed in accordance with local and national laws and regulations. Recycle as much as possible or transfer it to a licensed chemical destruction plant.

污染包装物: 将容器退回制造商或按照国家和地方法规进行处理。

Contaminated packaging: Return the container to the manufacturer or dispose of it in accordance with national and local regulations.

废弃注意事项: 处置前请参考国家和地方相关规定。有关处置人员的安全预防措施, 请参见第 8 节。

Disposal recommendations: Please refer to relevant national and local regulations before disposal. See Section 8 for safety precautions for disposal personnel.

第十四部分 运输信息

Section 14 - Transport Information

运输标签和标记 Transportation labels and markings	
运输标签和标记 Transportation labels and markings	不适用 Not applicable

国际海运危险货物规则 (IMDG-CODE, 42-24 版) International Maritime Dangerous Goods Code (IMDG-CODE 42-24 Editions)	
IMDG-CODE	不受监管(非危险货物) Not-regulated (non-dangerous goods)
海洋污染物 (是/否) Marine pollutants (Yes/No)	否 No

国际航空运输协会 危险品规则 (IATA DGR 第 67 修订版) International Air Transport Association - Dangerous Goods Regulations (IATA DGR 67 th Revision)	
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IATA-DGR	不受监管(非危险货物) Not-regulated (non-dangerous goods)
联合国关于国际公路运输危险货物协定 (UN-ADR 2025 版) UN Agreement Concerning the International Carriage of Dangerous Goods by Road (UN-ADR 2025 Edition)	
UN-ADR	不受监管(非危险货物) Not-regulated (non-dangerous goods)

包装方法: 按照生产商推荐的方法进行包装。

Packaging Methods: Pack according to the manufacturer's recommended method.

运输注意事项: 运输前检查集装箱包装是否完整。运输过程中不渗漏、不倒塌、不沉淀、不损坏。不得与氧化剂、酸、食用化学品等混合运输。停留期间, 车辆应远离火源和热源。海运时, 装配地点应远离卧室、厨房, 与机房、电源、火源隔离。

Attentions for Transportation: Check whether the container packaging is complete before transportation. No leakage, collapse, sedimentation, or damage during transportation. It shall not be mixed with oxidants, acids, edible chemicals, etc. for transportation. During the stay, vehicles should stay away from ignition and heat sources. When shipping by sea, the assembly location should be far from the bedroom and kitchen, and isolated from the machine room, power supply, and fire sources.

第十五部分 法规信息

Section 15 - Regulatory Information

专门针对有关纯物质或者混合物的安全、卫生和环境规定:

Specific safety, health, and environmental regulations for pure substances or mixtures:

REACH 法规附件 14 授权的候选高关注物质名单: 没有成分被列入。

List of Candidate Substances of High Concern Authorized in Annex 14 of REACH Regulation: No ingredients are listed.

REACH 附录 17 限制物质清单: 没有成分被列入。

REACH Appendix 17 List of Restricted Substances: No ingredients are listed.

REACH 附录 14 授权物质清单: 没有成分被列入。

REACH Appendix 14 Authorized Substance List: No ingredients are listed.

化学品安全评估/Chemical safety assessment:

尚未进行化学物质安全性评估。

Chemical safety assessment has not been conducted yet.

第十六部分 其他信息**Section 16 - Additional Information****注意 Declare to reader:**

本材料安全数据表中的信息来自我们认为可靠的来源。但是，提供的信息对其正确性不作任何明示或暗示的保证。产品的处理、储存、使用或处置的条件或方法超出了我们的控制范围，这可能是我们所知道的。出于这个和其他原因，我们不承担责任，并明确表示不承担因处理、储存、使用或处置产品而产生的或与之相关的损失、损坏或费用。本 MSDS 仅适用于该产品。如果该产品用作另一种产品的成分，则此 MSDS 信息可能不适用。

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报告结束

***** End of report *****