

材料安全数据表

MATERIAL SAFETY DATA SHEET

Prepared For : Dongguan City NuoZheng mechanical Equipment Co.,ltd.

申请商

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* The MSDS is prepared based on the information provided by client. The contents and formats of this MSDS are revised as per client's request.这份材料安全数据表是根据客户提供的信息编辑，其内容和格式按客户要求来修订。

Section 1-Chemical Product and Company Identification

第一部分-化学品及企业标识

Product Name 产品名称	High flash point alkyd resin coating 高闪点醇酸树脂涂料
Model 型号	N/A
Trade Mark 商标	N/A
Ratings 额定参数	N/A
Weight 重量	12kg
Manufacturer 制造商	Zhuhai Jinchengtian Chemical Co., Ltd. 珠海金成田化工有限公司
Manufacturer Address 制造商地址	No. 16, Hualian 4th Road, Nanshui Town, Jinwan District, Zhuhai City China. 珠海市金湾区南水镇化联四路16 号
Emergency Telephone 应急电话	N/A
Fax 传真	N/A

Section 2- Composition Information

第二部分-成分信息

Chemical Composition 化学成分	Chemical Formula 化学式	CAS No. CAS号	Weight (%) 重量含量 (%)
alkyd resin 醇酸树脂	/	63148-69-6	50~80
pigment powder 颜料粉	C ₃₁ H ₂₅ N ₃ O ₅ S	57301-22-1	15~30
High flash point tri-toluene 高闪点三甲苯	C ₉ H ₁₂	526-73-8	10~30
promoter 助剂	/	/	5~15
drier 催干剂	/	/	5~10

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Section 3- Hazards Identification

第三部分-危险性概述

Emergency overview 紧急情况概述	N/A 不适用
Classification according to GHS GHS分类	Skin corrosion/irritation (Category 2), severe eye injury/eye irritation (Category 2) 皮肤腐蚀/刺激(类别2)、严重眼损伤/眼刺激(类别2)
Label elements: 标签元素	
Hazard pictogram(s) 危险标签图	N/A 不适用
Signal word 提示语	Warning 警告
Hazard statement(s) 危险声明	H315 causes skin irritation H319 causes severe eye irritation H315 造成皮肤刺激 H319 造成严重眼刺
Precautionary statement(s): 预防声明	
Prevention 预防	Not Applicable 不适用
Response 反应	Not Applicable 不适用
Disposal 废弃处理	Not Applicable 不适用
Environmental hazards: 环境危害	No relevant information 无相关信息
Important symptoms: 重要症状	See section 11 for more information 见第11部分更多信息

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Section 4- First Aid Measures

第四部分-急救措施

Eye contact 眼睛接触	Rinse with running water for 15 minutes. If irritation persists, seek medical attention. 用流动清水冲洗15分钟，如仍感刺激，就医。
Skin contact 皮肤接触	Immediately remove contaminated clothing and rinse with plenty of running water and soapy water or a special detergent. 立即脱去污染的衣着，用大量流动清水和肥皂水或专用洗涤剂冲洗。
Inhalation 吸入	Quickly move to a place with fresh air and keep the airway clear. If breathing is difficult, provide oxygen. If breathing stops, immediately perform artificial respiration. Seek medical attention. 迅速脱离现场至空气新鲜处，保持呼吸道通畅，如呼吸困难，给输氧，如呼吸停止，立即进行人工呼吸。就医。
Ingestion 摄入	Drink plenty of warm water, induce vomiting and seek medical attention. 饮足量温水，催吐，就医。

Section 5- Fire Fighting Measures

第五部分-消防措施

Flash Point 燃点	N/A 不适用
Auto-Ignition Temperature 自燃温度	N/A 不适用
Extinguishing Media 灭火介质	N/A 不适用
Special Fire-Fighting Procedures 特殊灭火程序	N/A 不适用
Unusual Fire and Explosion Hazards 异常火灾或爆炸	N/A 不适用
Hazardous Combustion Products 燃烧产生的危险物品	N/A 不适用

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Section 6- Accidental Release Measures

第六部分-泄露应急处理

Personal precautions, protective equipment and emergency procedures:

Cut off the source of fire, evacuate irrelevant personnel from the contaminated area to a safe area, strictly restrict personnel entry and exit, locate and cut off the source of leakage to prevent it from entering the sewer. It is recommended that emergency response personnel wear positive pressure breathing apparatus and fire protection suits. Minor leakage: Collect the overflow liquid as much as possible in a covered container. Absorb the residual liquid with sand or other inert materials. You can also wash it with an emulsion made of non-flammable dispersants or soapy water and detergent. The used wash liquid should be diluted and discharged into the wastewater treatment system. The used adsorbate must be sent to the treatment site designated by the environmental sanitation department. In case of large-scale leakage: Build embankments or dig pits to collect the data in dedicated containers for recycling or transport it to the treatment sites designated by the environmental sanitation department. Cover with foam to reduce steam hazards, spray water to cool and dilute steam to protect on-site personnel. Replace the leaked packaging.

个人预防措施、保护设备和应急程序:

切断火源, 疏散泄漏污染区无关人员至安全地带, 严格限制人员出入, 查找并切断泄漏源, 防止进入下水道, 建议应急处理人员佩戴正压式呼吸器, 穿消防防护服。小量泄漏: 尽可能将溢流液收集到有盖容器内, 用砂土或其它惰性材料吸收残液, 也可用不燃性分散剂制成的乳液或肥皂水、洗涤剂洗刷, 对使用过的洗液应稀释后排入废水处理系统, 对使用过的吸附物必须送至环卫部门规定的处理场所。大量泄漏: 构筑围堤或挖坑收集到专用容器内回收或运至环卫部门规定的处理场所。用泡沫覆盖, 降低蒸汽灾害, 喷雾状水冷却和稀释蒸汽, 以保护现场人员。对泄漏的包装进行调换。

Environment precautions:

Prevent leaked substances from entering water bodies, sewers, basements or restricted Spaces

环境预防措施:

防止泄漏物进入水体、下水道、地下室或限制性空间。

Methods and material for containment and cleaning up:

For minor leaks, absorb them with sand, soil and other non-flammable materials. It can also be rinsed with a large amount of water, and the rinse water is discharged into the wastewater treatment system. In case of large-scale leakage, build embankments or dig pits to contain it. Cover with foam to reduce vapor hazards. Transfer to tank trucks or dedicated collectors by explosion-proof pumps for recovery or transportation to waste treatment sites for disposal.

抑制和清理材料的方法:

小量泄漏, 用沙土和其他不燃材料吸收。也可用大量水冲洗, 洗水放入废水处理系统。大量泄漏, 大量泄漏构筑围堤或挖坑收容。用泡沫覆盖, 降低蒸气灾害。用防爆泵转移至槽车或专用收集器内, 回收或运至废物处理场所处置。

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Section 7- Handling and Storage

第七部分-操作处置和储存

Handling 操作处置	Adopt reasonable ventilation and avoid contact between eyes and skin. 采用合理的通风，避免眼和皮肤接触。
Storage 储存	The storage temperature should not exceed 30°C. Keep away from heat sources, fire sources and direct sunlight. Avoid contact with strong acids, strong alkalis and oxidants. When handling, load and place gently to prevent damage to the packaging and containers. 储存温度不宜超过30℃，远离热源、火种，防止阳光直射。避免接触强酸、强碱和氧化剂。搬运时要轻装轻放，防止包装及容器损坏。
Other Precautions 其他要注意的防范措施	N/A 不适用

Section 8- Exposure Controls/Personal Protection

第八部分-接触控制和个体防护

Engineering Controls 设计控制	General ventilation or local exhaust. 全面通风或局部排风。
Personal Protective Equipment 个人防护装备	Respiratory protection: Generally, no special protection is required. In high concentrations, a ventilated face mask or a self-priming filtering gas mask can be worn. Eye protection: Wear chemical safety goggles. Physical protection: Wear general work protective clothing. Hand protection: Wear chemical-resistant gloves. 呼吸系统防护: 一般不需要特殊防护，高浓度时可佩带通气式面罩或自吸过滤式防毒面具。 眼睛防护: 戴化学安全防护眼镜。 身体防护: 穿一般作业防护服。 手防护: 戴防化学品手套。
Other Protective Equipment 其它防护装备	No information available. 无资料
Hygiene Measures 卫生措施	No smoking in the work area. 在工作区域不得吸烟。

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Section 9- Physical and Chemical Properties

第九部分-物理和化学特性

Form 形态	Grey mucus 灰色粘液
Color 颜色	Grey 灰色
Odour 气味	No information available. 无资料
pH 酸碱度	No information available. 无资料
Melting point/freezing point 熔点/凝固点	No information available. 无资料
Boiling Point and Boiling range 沸点、沸点范围:	No information available. 无资料
Flash Point 易燃度	Non-flammable 非易燃物
Upper/lower flammability or explosive limits 自燃或爆炸的上、下极限	No information available. 无资料
Vapor Pressure 蒸汽压	No information available. 无资料
Vapor Density 蒸汽密度	No information available. 无资料
Relative density 相对密度	No information available. 无资料
Solubility in Water 水溶性	Insoluble in water 不溶于水
Auto-ignition temperature 自燃温度	No information available. 无资料
Decomposition temperature 分解温度	No information available. 无资料
Evaporation rate 蒸发速率	No information available. 无资料
Flammability (soil, gas) 易燃性(土壤、天然气)	Non-flammable 非易燃物
Viscosity 粘性	No information available. 无资料

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Section 10- Stability and reactivity

第十部分 稳定性和反应活性

Stability 稳定性	The product is stable under conditions described Section 7 产品在第七部分所述的条件下稳定
Conditions to Avoid 应避免的条件	Static electricity, sparks, flames and other sources of ignition. 静电、火花、火焰和其它引火源。
Incompatible Materials 不兼容的材料	Strong oxidants, alkalis, acids. 强氧化剂、碱类、酸类。
Hazardous Decomposition Products 危险分解物	Under normal storage conditions, no dangerous decomposition will form. 在正常存储情况下，不会形成危险的分解物。
Possibility of Hazardous Reaction 危险反应的可能性	Not Applicable 不适用

Section 11 – Toxicological Information

第十一部分-毒理学资料

Irritation 刺激	N/A 不适用
Sensitization 致过敏	Not Applicable 不适用
Neurological Effects 影响神经系统	Not Applicable 不适用
Teratogenicity 致畸	Not Applicable 不适用
Reproductive Toxicity 再生毒性	Not Applicable 不适用
Mutagenicity (Genetic Effects) 诱变(遗传效应)	Not Applicable 不适用
Toxicologically Synergistic Materials 附带材料毒理性	Not Applicable 不适用

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Section 12- Ecological Information

第十二部分-生态学资料

Ecological Toxicity 生态毒性	This substance may be harmful to the environment, and special attention should be paid to water bodies. 该物质对环境可能有危害，对水体应给予特别注意。
Mobility in soil 在土壤中的流动性	When released into the soil, it will volatilize and seep into the ground. 当释放至土壤中，会挥发及渗入地下。
Persistence and Degradability 持久性和分解性	When released into the atmosphere, it will react with hydroxyl radicals and decompose rapidly. According to the standard biodegradability test, it will be decomposed by active pollutants in the sewer, etc. 当释放到大气中，会与氢氧自由基作用而快速分解掉。 以标准生物分解性实验，会被下水沟中活性污染等分解。
Bioaccumulation potential 生物累积	Non-accumulative 无累积性
Other Adverse Effects 其他不利影响	No information available. 无资料

Section 13- Disposal Considerations

第十三部分-废弃处置

Product disposal recommendation 产品废弃处理建议	Observe local, state and federal laws and regulations. 遵守当地、州和联邦法律和法规。
Packaging disposal recommendation 包装处理建议	Disposal must be made according to official regulations 废弃处理必须根据当地法规

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Section 14 – Transport Information

第十四部分-运输信息

IATA, IMDG, Model Regulation 联合国编号或识别编号	N/A 不适用
IATA, IMDG, Model Regulation 运输专用名称/说明	Not Regulated For Transport Of Dangerous Goods 不被管制为危险品运输
IATA, IMDG, Model Regulation 类别或项别（次要危险）	Not Subjected for transport of dangerous goods 非限制性货物
IATA, IMDG, Model Regulation 包装等级	N/A 不适用
IATA, IMDG, Model Regulation 危险性标签	N/A 不适用
Environmental hazards Marine pollutant 危害环境 海洋污染物资	No 不是
IMDG EmS	--
Special precautions for user 用户特别预防措施	No information available. 无资料
Mode of transportation: air, sea, road, railway. 运输方式：空运、海运、公路、铁路。	

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Section 15- Regulatory information

第十五部分 法规信息

Law information

法律信息

《Dangerous Goods Regulations》
《危险物品规则》
《Recommendation on the Transport of Dangerous Goods Model Regulations》
《对危险货物运输的有关规定的建议》
《International Maritime Dangerous Goods》
《国际海运危险货物规则》
《Technical Instructions for the Safe Transport of Dangerous Goods》
《危险品安全运输技术指令》
《Classification and code of dangerous Goods》
《危险货物分类和品名编号》
《Consumer Product Safety Act》(CPSA)
《消费产品安全法》
《Federal Environmental Pollution Control Act》(FEPCA)
《联邦环境污染控制法》
《Resource Conservation and Recovery Act》(RCRA)
《资源保护及恢复法案》
《European Agreement concerning the International Carriage of Dangerous》
《国际危险货物道路运输欧洲协定》
《Regulations concerning the International Carriage of Dangerous》
《国际危险货物铁路运输欧洲协定》

In according with all Federal, State and local laws.

根据所有联邦、州和地方法律。

Section 16- Other Information

第十六部分-其它信息

The information above is believed to be accurate and represents the best information currently available to us. However, makes no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. Although reasonable precautions have been taken in the preparation of the data contained herein, it is offered solely for your information, consideration and investigation. This material safety data sheet provides guidelines for the safe handling and use of this product; it does not and cannot advise on all possible situations, therefore, your specific use of this product should be evaluated to determine if additional precautions are required.

上面的信息被认为是准确代表了目前最好的信息提供给我们。然而, 我们不保证该等信息的适销性或任何其他明示或暗示的保证, 对这类信息的使用我们不承担责任。用户应作出自己的调查, 以确定是否适合其特定用途的信息。虽然在此处所包含的数据的准备已经采取了合理的预防措施, 这是仅为你提供的信息、考虑和调查。这个化学品安全技术说明书为本产品提供了安全操作指南和使用指南, 它并不能对所有可能发生的情况提供建议, 因此, 您特殊使用该产品应先进进行评估, 以确定是否需要额外的预防措施。

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样品图片

Photo



Fig.1



Fig.2

-- End of Report --
-- 报告结束 --