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## X-5318水性乳液胶黏剂的MSDS

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### 化学品及企业标识

- (1) Name of the Product: Adhesive X-5318 water based emulsion adhesive  
化学品中文名称: X-5318水性乳液胶黏剂
- (2) Producer/Vender: Shanghai LongKui Chemical Technology Co Ltd  
制造商/供货商名称: 上海龙奎化工科技有限公司
- (3) Address: Room 101 of 79th cell No 810 newly village West Shangzhong road  
Minhang District  
地址: 上海闵行区上中西路810弄79号101室
- (4) Telephone: 86-21-18964865671  
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国家/企业应急电话号码: 18964865671 18001600400

### 2. COMPOSITION, INFORMATION ON INGREDIENTS

#### 成分/组成信息

- (1) Product name: Shanghai Long Kui X-0526 Water based Emulsion Adhesive  
产品名称: 上海龙奎X-5318水性乳液胶水
- (2) Identification of Substance: X-5318 is a general term for a group of types  
non-ionic aqueous dispersion of modified Resins.  
物质识别: X-5318是改性阴离子分散体的基本类型。
- (3) Chemical materials name: Modified Water-based Dispersion  
化学物质名称: 改性水性分散体
- (4) Recommended use: X-5318 adhesive is a latex free adhesive, which can be  
applied in paper packaging, car chairs, and car-ceiling  
and etc. They can also be used in non-industries areas  
like furniture, kitchen cabinet.  
推荐应用领域: X-5318是一款不含天然胶乳的胶黏剂, 可以用于纸包  
装行业, 汽车工业如车椅, 车顶等; 也可以用于民用  
领域如家具, 橱柜等。

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(5) Restrictions on application: high temperature applications say higher than 120C, outdoor applications or applications  
禁用领域: 温度高于120C 的应用, 室外应用。

(6) Data information: date of mending 2012-8-10  
资料信息: 修订日期 2012-8-10

### 3. Hazards Summery

危险性概述

GHS classification

GHS 分类

(1) Physical and chemical hazard: Non-object  
物理化学的危害性: 非对象

(2) Hazard to health: Unclassified  
健康危害: 无分类

(3) Hazard to environment: Unclassified  
环境危害: 无分类

(4) Label element  
标识元素  
Special pictograph and symbol: None  
特殊图示或符号: 无  
Signal word: None  
警示语: 无

(5) Special hazard statement: None  
特殊危害叙述: 无

(6) Special precautionary statement: None  
特殊危害防范措施叙述: 无

### 4. First-aid treatment

应急措施

Inhalation: When inhale large amount of the product, move the person to the place with fresh air, and consult with the doctor accordingly.

吸入: 如果大量吸入该产品时, 将受害者转移到空气新鲜处, 根据具体情况就医。

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- Skin contacting: (1) Take off and then wash the contaminated clothes and shoes.  
(2) Wash the contacting skin with water, normally it is unnecessary to see the doctor
- 皮肤接触: (1) 脱去并清洗被污染的衣服, 鞋帽。  
(2) 清洗皮肤, 一般无需就医
- Eye contacting: (1) Wash the eyes with clean water for more than 15 minutes at once, and consult with doctor.  
(2) When the product enters the eyes, start washing them as soon as possible to completely wash off the product. Delay in washing and insufficient washing may cause damage to the eyes. Never scrub the eyes with hands, etc., otherwise the product may be left in the eyes.  
(3) Even if there is no immediate pain or no effect on the eyesight, disorder may appear later; therefore, be sure to consult with a doctor

- 进入眼睛: (1) 用清洁的水洗眼15分钟后, 接受医生的诊断。  
(2) 该产品进入眼内时, 应尽快开始洗涤。必须冲洗进入眼内的产品。如拖延洗涤、洗涤不彻底, 眼睛可能会出现障碍。另外, 如用手等擦拭眼睛, 产品可能会在眼内残存, 切勿如此擦拭。  
(3) 即使立即未出现疼痛, 视力无影响, 必须立即接受医生的诊断。

Ingestion: Immediately vomit the product, and wash the mouth with water. Let the person drink water or milk, and consult with a doctor immediately.

吞入时: 应立即吐出, 饮用1~2杯的水或牛奶, 立即接受医生的诊断。

Expected acute and late on symptoms: None  
预计急症及迟发症状: 无

## 5 Firefighting treatment 火灾时措施

Combustion properties: X-5318 will never be burning in normal conditions  
燃烧性能: X-5318胶黏剂在正常条件下不会被燃烧。

Special hazard: Combustion of dried resin after evaporation of water generates, carbon monoxide, carbon dioxide, and other noxious gas.

特殊危害性: 水分蒸发后, 干燥的树脂燃烧会产生二氧化碳, 一氧化碳以及其他有毒气体。

Fire extinguishing agent: Water, dry chemicals, carbon dioxide fire extinguisher, foam extinguisher, fire-fighting sand, etc.

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灭火剂：注水、粉末灭火器、二氧化碳灭火器、泡沫灭火器、防火砂等  
Specific fire-fighting methods: None  
特殊灭火方法：无

Special equipment for protection of firefighters: Wear a gas mask for noxious gas, goggles, rubber protective gloves, and other protective equipment.  
进行灭火的物品保护：请戴上有害气体用防毒面罩、防护眼镜、橡胶制防护手套等防护用具。

## 6. Accidental release measures

### 泄漏时的措施

(1) Precautions concerning human body, protective equipment, and emergency treatment: The product is slightly irritant and contact with the eyes and skin may cause inflammation. Wear rubber or vinyl protective gloves, protective spectacles, or goggles. When the product adheres to the skin or enters the eyes, take measures according to [4. First-aid measures].

对人体的注意事项、防护用具及紧急时的措施：与眼睛、皮肤接触时，有轻微刺激性，可能会引起炎症。应戴上橡胶制或塑料制防护手套、防护眼镜或护目镜。粘附在皮肤上、进入眼内时，应按照〔4. 应急措施〕中记载的方法进行处理。

(2) Environmental precautions: When the product leaks into a river or sewage, the running water becomes cloudy. It is necessary to stop the running water by sand or earth to prevent diffusion of contaminated water.

对环境的注意事项：在泄漏至河流、下水时，因为流水会白浊，必须用砂、土进行堵住，防止污染水的蔓延。

## 7. Handling and Storage Precautions

### 关于操作及保管的注意事项

Precautions for safe handling: (1) The liquid in the container may spatter or the container may topple when the liquid is taken out of the container. (2) When product is unloaded, be sure of the lid is fixed, because the liquid may spatter when the coupler is removed. Wear protective equipment. (3) Be careful with handling the material so that the liquid will not touch the eyes or skin directly. (4) When some chemical is blended with adhesive, unexpected smell may be given off. Wear a protective mask for organic gas. (5) Wash hands well and gargle the mouth before smoking, eating, or drinking after work.

安全操作注意事项：(1) 从容器取出时，内装液可能会飞散，容器会倾倒。(2) 在卸卸货时，紧扣塞子，液体可能会飞散，请戴上防护用具。(3) 请避免使眼睛、皮肤与直接接触。(4) 产品有橡胶气味。对胶水添加配合化学品时，可能会产生意外的气味，请戴上有机气体防护面罩。(5) 在操作后进行吸烟、饮食

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时, 请将手洗干净, 漱口后再吸烟、饮食。

## 8. Storage

### 保管

Hazardous mixed melting substance: None

混融危害物质: 无

Storage condition: Appropriate storage conditions: Avoid direct sunlight and freezing during storage. A cold dark place at 35°C or below is appropriate. The product may freeze when the temperature is below 5°C; therefore, keep the temperature above 5°C during storage.

保管条件: 适当的保管条件: 请避免直射阳光、冻结, 进行保管。在35°C以下的阴凉处保管最为适当。另外, 在5°C以下的气温下可能会冻结, 保管温度为5°C以上最为适当。

## 9. Exposure Prevention and Protective Measures

### 防止暴露及防护措施

Treatment for facilities: (1) Install a weir in the drainage ditch to prevent latex from flowing out of the workshop. (2) For spray processing, install a draft machine to protect the eyes and skin from the scattered mist. (3) Install a local air exhausted or some other exhausted for sufficient ventilation. (4) Install a hand-wash and eyewash facilities near the workshop.

设备措施: (1) 为避免从操作室流出乳液, 在排水沟应设置堤。 (2) 在进行喷雾操作时, 为避免飞散而与眼睛、皮肤接触, 应设置通风装置。 (3) 应设置局部排气装置等排气装置, 进行充分的通风。 (4) 请在操作处的近处设置洗手设备、洗眼设备等。

Protective equipment

防护用具

Protective equipment for respiratory organs: Protective mask for organic gas

呼吸道用防护用具: 有机气体用防护面罩

Protective equipment for hands: Rubber or cloth protective gloves

手的防护用具: 橡胶制或布制防护手套

Protective equipment for eyes: Protective spectacles or goggles

眼的防护用具: 保护眼镜或护目镜等

Protective equipment for skin and body: Long-sleeved working cloths, safety shoes,

etc.

皮肤及身体的防护用具: 长袖工作服、安全鞋

Hygiene treatments: After handling, gargle your throat. Wash your hands and face with soap and water.

卫生措施: 在操作后请漱口, 洗净口内。另外, 请用肥皂洗手、洗脸。

## 10. Physical and Chemical Characteristics

### 物理及化学性质

Physical state, shape, color: Liquid; aqueous emulsion; milk white

物理状态、形状、颜色: 液体、水性乳液、乳白色

Smell: Faint odor

气味: 稍有气味

Value of pH: 5~7

PH值: 5~7

Melting point/solidifying point: 0~-5°C

熔点、凝固点: 0~-5°C

Boiling point: 100°C

沸点: 100°C

Flash point: Not applicable

闪点: 不适用

Combustion or explosion range: Not applicable

燃烧或爆炸范围: 不适用

Specific gravity (relative density): 1.0 ~ 1.1 (Temperature: 20°C)

比重(相对密度): 1.0 ~ 1.1 (Temperature: 20°C)

Solubility: Quick dissolution and dispersion in water Emulsion particles are soluble or they swell in toluene and other organic solvents.

溶解性: 迅速溶于水, 分散、扩散。乳液粒子可溶于甲苯等有机溶液或膨胀。

Spontaneous ignition temperature: Not applicable

自然着火温度: 不适用

Decomposition temperature: 200°C or more as dry resin

分解温度: 干燥树脂在200°C以上

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## 11. Stability and Reactivate 稳定性及反应性

Stability: Stable  
稳定性: 稳定

Reactivate: It will react with materials with active functional groups like -CH<sub>2</sub>-, -CL-, -COO- and etc.

反应性: 和含有-CH<sub>2</sub>, -CL, -COO-等活性官能团的物质反应。

Hazardous decomposition product: Combustion of dry resin generates carbon dioxide, carbon monoxide and etc

危害分解生成物: 干燥树脂因燃烧会产生二氧化碳、一氧化碳等

## 12. Disposal Consideration 废弃注意事项

Residual waste: The product changes into a cloudy solution and runs out when exposed to rainwater; therefore, do not dispose of latex as it is. Instill latex into cloth or sawdust, and then entrust an industrial waste management contractor licensed by the governor with its disposal.

残余废弃物:

因雨水会变为白浊液而流出, 不得直接将乳液废弃。请使其渗透入布、锯屑, 请委托获得都道府县知事的许可的产业废弃企业进行处理。

Disposal of contaminated container and packing: Disposal of contaminated container and packing: Treat them in the same way as the residual waste.

污染容器、包装的废弃方法: 进行与残余废弃物相同的处理。

## 13. Transport Information 运输注意事项

Inspection methods and procedures: UN "Recommendations on the transport of dangerous good"

检查方法及程序: 联合国《关于危险货物运输建议书》

Determination of explosive: No explosive hazard

爆炸危险性鉴定: 无爆炸性

Determination of flammability: This kind of product does not belong to flammable liquid.

易燃危险性鉴定: 该类产品不属于易燃液体。

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Determination of oxidation: This kind of product does not belong to the oxidizing substances.

氧化性鉴定: 该产品不属于氧化性物质。

Determination of toxic and infectious substance: This kind of product does not belong to toxic substance.

毒性鉴定: 该产品不属于6.1项毒害品。

Determination of radioactive materials: This kind of product does not have radioactivity.

放射性鉴定: 该产品不含放射性。

Determination of corrosive: This kind of product does not have corrosion.

腐蚀性鉴定: 该产品不具腐蚀性。

Packaging requirements: This kind of product can be packaged as ordinary goods

包装要求: 按普通货物条件包装。

Transportation suggest: According to GB12268-2005

运输建议: 按普通货物运输GB12268-2005

Determination No: 2008032295

鉴定编号: 2008032295

Determination department: Shanghai research institute of Chemical industry Testing Center.

鉴定机构: 上海化工研究院检测中心。

#### 14. Other information

##### 其他信息

(1) 本信息的正确性限于制订者的知识范围, 其内容并非绝对确保信息的正确性以及信息收集的完整无缺。 This information is correct within the knowledge of the writer of the MSDS. However, the contents of the information are not absolute and the exhaustiveness of information collection is incomplete.

(2) 另外, 本记载内容系关于材料、产品的内容, 尚未设想将本材料与其他材料组合、处理的情况。 The contents refer to the materials and product, and the cases where the materials are combined with some other materials and processed have not been taken into consideration.

(3) 适当使用本材料的最终决定责任, 以及由用户独自应用本信息, 达到完全

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满足的责任由用户承担。 Users shall assume the responsibility for the final decision to appropriately use the material and for adapting this information to the user's original handling in a manner to ensure complete and satisfactory utilization.

(4) 所有的材料均存在未知的危害性, 在操作时必须予以充分注意。虽然在本MSDS中记载了有关特定的危害性, 并不能否定存在此外的危害性。 All materials have unknown hazard, and they should be handled with sufficient care. Specific hazard is described in this MSDS, which does not ensure the absence of different hazard.

(5) 在使用时, 请在贵公司事先进行试验, 请确认是否适合使用目的及安全性。 Be sure to conduct an advance test before actual use to confirm whether the materials conform to the purpose of use and to confirm the safety as well.

(6) 本说明书的记载内容因新知识将予以变更, 恕不事先通知。 The description of the MSDS is subject to change without notice according to new knowledge.

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