### 材料安全数据表

### MATERIAL SAFETY DATA SHEET

**Prepared For** 

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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	PVC-U Drinking Water Pipe (Special) Adhesive PVC-U给水管(专用)胶粘剂	
Model 型号	N/A	
Trade Mark 商标	N/A	
Ratings 额定参数	N/A	
Weight 重量	No information available. 无相关资料	
Manufacturer 制造商	Guangdong Lianshu Chemical Co., Ltd. 广东联塑化工有限公司	
Manufacturer Address 制造商地址	Huitian District, Heshan City, Guangdong Province China.  广东省鹤山市鹤城镇工业二区	
Emergency Telephone 应急电话	+49 030 192 40	
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(%)
cyclohexanone 环己酮	C <sub>6</sub> H <sub>10</sub> O	108-94-1	35-45
ethyl acetate 乙酸乙酯	C <sub>4</sub> H <sub>8</sub> O <sub>2</sub>	141-78-6	10-35
butanone 2-丁酮	C <sub>4</sub> H <sub>8</sub> O	78-93-3	8-25
pvc resins 聚氯乙烯树脂	(C <sub>2</sub> H <sub>3</sub> CI)	9002-86-2	6-15
Acetone 二甲基酮	C <sub>3</sub> H <sub>6</sub> O	67-64-1	5-15
chlorinated polyvinyl chloride 氯化聚氯乙烯树脂	(C₂H₃CI)	68648-82-8	2-15

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Section 3- Hazards Identification 第三部分-危险性概述		
Emergency overview	N/A	
紧急情况概述	不适用	
Classification according to GHS	Not a dangerous substance according to GHS	
GHS分类	不属于GHS危险物品	
Label elements: 标签元素		
Hazard pictogram(s)	Not Applicable	
危险标签图	不适用	
Signal word	Not Applicable	
提示语	不适用	
Hazard statement(s)	Use under normal conditions should not be a health hazard	
危险声明	在正常条件下使用不会对健康造成危害	
Precautionary statement(s): 预防声明		
Prevention 预防	Keep away from heat sources/sparks/open flames/hot surfaces. Smoking is prohibited. Take anti-static measures and wear protective gloves, protective glasses and protective face shields. 远离热源/火花/明火/热表面,禁止吸烟。 采取防静电措施,戴防护手套、防护眼镜、防护面罩。	
Response 反应	No information available. 无相关资料	
Disposal 废弃处理	Do not flow into the sewer;Handle the substance and its container in a safe manner. 禁止流入下水道;以安全的方式处理该物质及其容器。	
Environmental hazards:	No relevant information	
环境危害	无相关信息	
Important symptoms:	See section 11 for more information	
重要症状	见第11部分更多信息	

Section 4- First Aid Measures 第四部分-急救措施		
Eye contact 眼睛接触	Open your eyes and rinse under running water for several minutes.If the symptoms persist, please consult a doctor 张开眼睛在流水下冲洗数分钟. 如果症状仍然持续, 请咨询医生.	
Skin contact 皮肤接触	Rinse immediately with water. 马上用水冲洗.	
Inhalation 吸入	Supply fresh air;If a patient feels unwell, they should consult a doctor. 供给新鲜空气;如果病人感到不适时要询问医生.	
Ingestion 摄入	If the symptoms persist, please consult a doctor. 如果症状仍然持续, 请咨询医生.	

Section 5- Fire Fighting Measures 第五部分-消防措施		
Flash Point 燃点	No information available. 无相关资料	
Auto-Ignition Temperature 自燃温度	No information available. 无相关资料	
Extinguishing Media 灭火介质	Carbon dioxide (CO2), fire extinguishing powder or sprinkling water 二氧化碳(CO2)、灭火粉末或洒水	
Special Fire-Fighting Procedures 特殊灭火程序	Use water sprinkling or alcohol-resistant foam fire extinguishing agents to put out larger fire sources. 使用洒水或抗酒精泡沫灭火剂扑灭较大的火种.	
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	

### **Section 6- Accidental Release Measures**

第六部分-泄露应急处理

### Personal precautions, protective equipment and emergency procedures:

Take protective gear. Keep unprotected people away.

### 个人预防措施、保护设备和应急程序:

带上保护设备. 让未受到保护的人们远离.

#### **Environment precautions:**

Dilute with a large amount of water.

Do not let it enter the sewer/water surface or groundwater.

### 环境预防措施:

用大量的水进行稀释.

切勿让其进入下水道/水面或地下水.

### Methods and material for containment and cleaning up:

Absorb liquid bonding raw materials (sand grains, diatomite, acidic adhesives, general-purpose adhesives, sawdust).

Discard contaminated substances in accordance with Part 13.

Make sure there are sufficient ventilation devices.

#### 抑制和清理材料的方法:

吸收液体粘合原料(沙粒、硅藻土、酸性粘合剂、通用粘合剂、锯屑).

根据第13部分弃置受污染物.

确保有足够的通风装置.

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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	Make sure that the workshop is equipped with good ventilation/exhaust devices. Prevent the formation of aerosols. For general occupational health measures, please refer to Part 8. Information on fire and explosion prevention: Keep away from fire sources - Do not smoke. Anti-static. 确保工作间有良好的通风/排气装置. 防止气溶胶的形成. 一般职业性卫生措施请参阅第8部分. 有关火灾及防止爆炸的资料: 远离火源-切勿吸烟. 防静电.
Storage 储存 Other Precautions	Seal the container. Store in a sealed container and keep in a cool and dry place. 将容器密封. 储存密封的贮藏器内,并放在阴凉、干爽的位置.
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	Stay away from food, beverages and feed. Remove all unclean and contaminated clothes immediately. Please wash your hands before taking a break and after finishing work. Avoid contact with eyes. Avoid contact with eyes and skin.
	远离食品、饮料和饲料. 立即除去所有的不洁的和被污染的衣服. 在休息之前和工作完毕后请清洗双手. 避免和眼睛接触. 避免和眼睛及皮肤接触.

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Personal Protective Equipment 个人防护装备	Respiratory Protection: If there has been brief exposure or in a low-pollution environment, please use a breathing filtration device. If you have been in deep or prolonged contact, please use an independent respiratory protective device.  Skin and body Protection: Ordinary work clothes.  Hand protection: The material of the gloves must be impermeable and resistant to the product/substance/additive.
1 / (M) / A H	Due to the lack of testing, no recommendations on glove materials will be provided for products/preparations/chemical mixtures
	When choosing glove materials, please pay attention to the material's penetration time, permeation rate and degradation parameters
	Eye Protection: Sealed goggles
	呼吸防护:如果曾短暂接触或在低污染的情况下,请使用呼吸过滤装置.如果曾深入或较长时间接触,请使用独立的呼吸保护装置.
	皮肤和身体防护: 普通工作服。
	手保护: 手套的物料必须是不渗透性的,且能抵抗该产品/物质/添加剂.
	基于缺乏测试,对于产品/制剂/化学混合物,并不会提供手套材料的建议
	选择手套材料时,请注意材料的渗透时间,渗滤率和降解参数
	眼睛保护:密封的护目镜
Other Protective Equipment 其它防护装备	N/A 不适用
Hygiene Measures 卫生措施	No smoking in the work area. 在工作区域不得吸烟。

Section 9- Physical and Chemical Properties 第九部分-物理和化学特性		
Form	Liquid	
形态	液体	
Color	Slightly yellow and transparent	
颜色	微黄透明	
Odour	Slightly pungent	
气味	轻微刺鼻	
рН	No information available.	
酸碱度	无相关资料	
Melting point/freezing point	No information available.	
熔点/凝固点	无相关资料	
Boiling Point and Boiling range 沸点、沸点范围:	57-156℃	
Flash Point	No information available.	
易燃度	无相关资料	
Upper/lower flammability or	Lower limit:	
explosive limits	1.1 Vol %	
自燃或爆炸的上、下极限	下限:	
Vapor Pressure	No information available.	
蒸汽压	无相关资料	
Vapor Density	No information available.	
蒸汽密度	<b>一</b> 无相关资料	

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Relative density	No information available.
相对密度	无相关资料
Solubility in Water	No information available.
水溶性	无相关资料
Auto-ignition temperature	No information available.
自燃温度	无相关资料
Decomposition temperature 分解温度	No information available. 无相关资料
Evaporation rate	No information available.
蒸发速率	无相关资料
Flammability (soil, gas)	No information available.
易燃性(土壤、天然气)	无相关资料
Viscosity	No information available.
粘性	无相关资料

Section 10- Stability and reactivity 第十部分 稳定性和反应活性		
Stability	No information available.	
稳定性	无相关资料	
Conditions to Avoid	No information available.	
应避免的条件	无相关资料。	
Incompatible Materials	No information available.	
不兼容的材料	无相关资料	
Hazardous Decomposition Products	Unknown hazardous decomposition products.	
危险分解物	未知有危险的分解产品.	
Possibility of Hazardous Reaction 危险反应的可能性	There are no known dangerous reactions. 未有已知的危险反应.	

Section 11 – Toxicological Information 第十一部分-毒理学资料	
Irritation	No information available.
刺激	无相关资料
Sensitization	No information available.
致过敏	无相关资料
Neurological Effects	No information available.
影响神经系统	无相关资料
Teratogenicity	No information available.
致畸	无相关资料
Reproductive Toxicity	No information available.
再生毒性	无相关资料
Mutagenicity (Genetic Effects)	No information available.
诱变(遗传效应)	无相关资料 ————————————————————————————————————

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Toxicologically Synergistic Materials	No information available. 无相关资料
附带材料毒理性	

Section 12- Ecological Information 第十二部分-生态学资料		
Ecological Toxicity	No information available.	
生态毒性	无相关资料	
Mobility in soil	No information available.	
在土壤中的流动性	无相关资料	
Persistence and Degradability	No information available.	
持久性和分解性	无相关资料	
Bioaccumulation potential	No information available.	
生物聚积	无相关资料	
Other Adverse Effects	No information available.	
其他不利影响	无相关资料	

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。 This product must not be discarded together with household waste.Do not let this product come into contact with the sewage system. 不能将该产品和家居垃圾一起丢弃. 不要让该产品接触污水系统.	
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 Use water and cleaner for cleaning if necessary. 如有必要请使用水及清洁剂进行清洁.	

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	UN1133
IATA, IMDG, Model Regulation	Adhesive
运输专用名称/说明	粘合剂
IATA, IMDG, Model Regulation	Not Subjected for transport of dangerous goods
类别或项别(次要危险)	非限制性货物
IATA, IMDG, Model Regulation 包装等级	II
IATA, IMDG, Model Regulation	N/A
危险性标签	不适用

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Environmental hazards	No
Marine pollutant	不是
危害环境	
海洋污染物资	
IMDG EmS	
	<u> </u>
Special precautions for user	Warning: Flammable liquid
oposiai prosaatione ioi acci	Danger Code: 33
用户特别预防措施	EMS numbers: F-E,S-D
	Stowage Category: B
	警告: 易燃液体
	危险编码: 33
	EMS 号码: F-E,S-D
	Stowage Category: B
Mode of transportation: air, sea, ro	oad, 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



Fig.1

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