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检验  
INSPECTION  
CNAS IB0208

# 安全数据单

Safety Data Sheet

(SDS)

No. HG202530613

委托单位:	中蓝涂料科技(绍兴)有限公司
Client:	Zhonglan Coating Technology (shaoxing) Co., Ltd.
样品名称:	PVF涂料
Sample Name:	PVF Coating
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浙江省化工产品质量检验站有限公司  
Zhejiang Chemical Products Quality Inspection Station Co., Ltd.

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扫描全能王 创建

# 安全数据单 Safety Data Sheet

化学品名称: PVF涂料  
Chemical Name: PVF Coating  
编制依据: 全球化学品统一分类和标签制度(第十版)  
Edit Foundation: GHS Tenth Revised Edition

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## 第一节标识 Section 1 Identification

化学品名称: PVF涂料  
Chemical Name: PVF Coating  
其他名称: /  
Other Name: /  
使用建议和使用限制: /  
Use Suggestions and Restrictions: /  
供应商: 中蓝涂料科技(绍兴)有限公司  
Supplier: Zhonglan Coating Technology (shaoxing) Co., Ltd.  
供应商地址: 浙江省杭州湾上虞工业园区纬七路5号  
Supplier Address: No. 5 Weiqi Road, Shangyu Industrial Park, Hangzhou Bay, Zhejiang Province  
E-mail: /  
电话/Phone Number: 18767116415  
传真/Tele Fax Number: /  
应急电话/Emergency Phone Number: 0571-85216718  
有效期: 见第十六节说明  
Available Period: See Section 16 for more description

## 第二节危险标识 Section 2 Hazards Identification

GHS分类/GHS Classification:

物理危险 Physical Hazards	健康危害 Health Hazards	环境危害 Environmental Hazards
易燃液体(类别3) Flammable Liquids (Category 3)	不分类 No Classification	危害臭氧层: 否 Hazardous to the ozone layer: No

注: 闭杯闪点58℃, 持续燃烧试验得出否定结果, 对一些管理目的(例如运输)而言, 可视为非易燃液体。  
Note: Liquids with the flash point of the closed cup is 58℃, regarded as non-flammable liquids for some regulatory purposes (e.g. transport) if negative results have been obtained in the sustained combustibility test.

GHS标签象形图/符号:  
GHS Label Pictograms/Symbols:



信号词: 警告  
Signal Word: Warning



## 危险说明:

## Hazard Statements:

H226 易燃液体和蒸气. Flammable liquid and vapour.

## 防范说明:

## Precautionary Statements:

## 预防:

## Prevention:

P210 远离热源、热表面、火花、明火和其他点火源。禁止吸烟。 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 保持容器密闭。 Keep container tightly closed.

P240 货箱和装载设备接地并等势联接。 Ground and bond container and receiving equipment.

P241 使用防爆的电气/通风/照明等设备。 Use explosion-proof electrical/ventilating/lighting equipment.

P242 使用不产生火花的工具。 Use non-sparking tools.

P243 采取行动防止静电放电。 Take action to prevent static discharges.

P280 戴防护手套/穿防护服/戴防护眼罩/防护面具/听力保护。 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

## 应对:

## Response:

P303 + P361 + P353 如皮肤(或头发)沾染: 立即脱掉所有沾染的衣服。用水清洗患处[或淋浴]。 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse affected areas with water [or shower].

P370 + P378 如起火: 使用雾状水或水柱、抗醇泡沫、干粉、二氧化碳、砂土灭火。 In case of fire: Use water spray or fog, alcohol-resistant foam, dry powder, carbon dioxide or sand to extinguish.

## 存放:

## Storage:

P403 + P235 存放于通风良好处。保持低温。 Store in a well-ventilated place. Keep cool.

## 处置:

## Disposal:

P501 根据地方/区域/国家/国际规定处置内装物/货箱。 Dispose of contents/container to accordance with local/regional/national/international regulations.

## 第三节组成/成分信息

## Section 3 Composition/Information on Ingredients

组分 Component	CAS号 CAS Number	含量 Content
邻苯二甲酸二甲酯 Dimethyl phthalate	131-11-3	31.9%
混合二元酸酯 DBE	95481-62-2	30%
聚氟乙烯树脂 PVF	24981-14-4	20%~25%
丙烯酸树脂 Acrylic resin	9003-01-4	5%~8%
环氧树脂 Epoxy resin	61788-97-4	2%~3%
氨基树脂 Amino resin	9003-08-1	1%
二甲苯 Xylenes	1330-20-7	0.6%
二氧化钛 Titanium oxide	1317-80-2	0.5%

注1: 在化学品安全数据单(SDS)中无需考虑百分含量小于1%的成分, 除非该成分呈现出严重的危害性。  
Note 1: Ingredients less than 1% do not need to be considered in a chemical safety Data Sheet (SDS) unless they present a serious hazard.



## 第四节急救措施

### Section 4 First-aid Measures

一般建议:

General Advice:

请教医生。出示此安全数据单给到现场的医生看。在呼吸急促的情况下,需给受害人输氧。保持受害人体温。让受害人处于观察监护下。

Consult a physician. Show this safety data sheet to the doctor in attendance. In cases of shortness of breath, oxygen should be given to the victim. Keep the victim warm. Keep the victim under observation and monitoring.

吸入: 将人员转移到空气新鲜处并保持呼吸舒适。如果呼吸停止,立即进行人工呼吸。立即就医。  
Inhalation: Move personnel to fresh air and keep comfortable breathing. If breathing stops, perform artificial respiration immediately. Get medical attention immediately.

皮肤: 如皮肤(或头发)沾染: 立即脱掉所有沾染的衣服。用水清洗患处[或淋浴]。

Skin: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse affected areas with water [or shower].

眼睛: 立即用水冲洗几分钟;如戴隐形眼镜并可方便取出,取出隐形眼镜。继续冲洗。

Eye: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

摄入: 不得诱导呕吐。切勿给失去知觉者从嘴里喂食任何东西。用水漱口。立即就医。

Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical help immediately.

主要的症状和影响,包括可能出现的即时和延迟症状: 无

Main Symptoms and Effects, Include Immediate Effects and Delayed Effects: No

## 第五节消防措施

### Section 5 Fire-fighting Measures

灭火介质: 如起火: 使用雾状水或水柱、抗醇泡沫、干粉、二氧化碳、砂土灭火。

Extinguishing Media: In case of fire: Use water spray or fog, alcohol-resistant foam, dry powder, carbon dioxide or sand to extinguish.

危险燃烧产物: 无数据资料

Hazardous Combustion Products: No data available

消防人员的保护装备: 穿全套防护服以及独立的呼吸装置。

Protective Equipments for Fire-fighters: Wear full protective clothing and self-contained breathing air apparatus.

灭火指南: 隔离事故现场,禁止无关人员进入;消防人员穿全身消防服,在上风向灭火;收容和处理燃烧物和消防水,防止污染环境。如果有必要,请佩戴独立的呼吸装置。

Fire Fighting Instructions: Isolate the accident site and prohibit irrelevant personnel from entering; Firefighters wear full body fire suits and put out fires upwind; Hold and dispose of burning materials and fire water to prevent environmental pollution. Wear self contained breathing apparatus for fire fighting if necessary.



## 第六节意外释放措施

### Section 6 Accidental Release Measures

人身防护、保护设备和应急程序: 保证充分的通风。在穿上合适的防护服前, 请勿触摸损坏的容器或泄漏物。在进入封闭空间前先通风。请不相关人员撤离。使用不产生火花的工具。个人防护装备参照第8节。

Personal Precautions, Protective Equipment and Emergency Procedures:

Ensure adequate ventilation. Do not touch damaged containers or leaks before wearing appropriate protective clothing. Ventilate before entering enclosed spaces. Use non-sparking tools. Please evacuate all unrelated personnel. Personal protective equipment indicate in Section 8.

环境保护措施: 在确保安全的条件下, 采取措施防止进一步的泄漏或溢出。不要让产物进入下水道。防止排放到周围环境中。

Environmental Precautions:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

抑制和清洁方法和材料: 将泄漏液收集在合适的封闭的处理容器。用沙子或惰性材料进行收集、处理泄漏物。

Methods and Materials for Containment and Cleaning up:

Collect the spill in a suitable closed treatment container. Use sand or inert materials to collect and treat spills.

## 第七节搬运和储存

### Section 7 Handling and Storage

安全搬运程序: 在阅读并理解所有安全预防措施之前, 请勿操作。确保工作站通风良好。避免与皮肤、眼睛、黏膜、衣服接触。避免吸入粉尘/烟/气体/烟雾/蒸汽/喷雾。远离热源、热表面、火花、明火和其他点火源。禁止吸烟。货箱和装载设备接地并等势联接。使用不产生火花的工具。采取行动防止静电放电。作业后彻底清洗皮肤、眼睛和手。勿触碰眼睛。

Safe Handling Procedures:

Do not operate until you have read and understood all safety precautions. Ensure good ventilation at the workstation. Avoid contact with skin, eyes, mucous membranes, and clothing. Avoid breathing dust/smoke/gas/smoke/vapor/spray. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground and bond container and receiving equipment. Use non-sparking tools. Take action to prevent static discharges. Thoroughly wash the skin, eyes, and hands after homework. Do not touch your eyes.

安全储存程序: 存放于通风良好处。保持低温。避免阳光照射。不使用时保持容器密闭。远离不相容的材料, 不相容材料请参阅第10节。储存区应备有应急处理设备和合适的收容器具。

Safe Storage Procedures:

Store in a well-ventilated place. Keep cool. Avoid exposure to sunlight. Keep the container sealed when not in use. Stay away from incompatible materials, please refer to Section 10 for incompatible materials. The storage area should be equipped with emergency handling equipment and suitable containment devices.



**第八节接触控制/人身保护****Section 8 Exposure Controls/Personal Protection**

职业接触限值 (依据见第15节):

Occupational Exposure Limits (According to Section 15):

组分 Component	CAS号 CAS Number	职业接触限值OELs, mg/m <sup>3</sup>		
		最高容许浓度 MAC	时间加权平均容许 浓度PC-TWA	短接触容许浓 度PC-STEL
二甲苯 Xylenes	1330-20-7	-	50	100

工程控制: 确保工作站的良好通风, 保持空气浓度低于职业接触标准。使用机械操作, 减少人与材料的接触。紧急洗眼器和安全淋浴器应在任何潜在暴露附近可用。应定期检查承压系统是否有泄漏。

**Engineering Controls:**

Ensure good ventilation of the work station, maintain air concentrations below occupational exposure standards. Use mechanical handling to reduce human contact with materials. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Systems under pressure should be regularly checked for leakage.

个人保护措施: 依据良好的工业卫生和安全条例操作。远离食品、饮料和饲料。不要让物质与皮肤、衣物、眼睛等接触。在休息和工作结束前要洗手。

**Individual Protection Measures:**

Operate in accordance with good industrial health and safety regulations. Stay away from food, drink and feed. Do not make contact with skin, clothing, eyes, etc. Wash your hands before taking breaks and finishing work.

眼保护: 戴防护眼罩/防护面具, 防护面罩与安全眼镜请使用经官方标准如NIOSH(美国)或 EN 166(欧盟)检测与批准的设备防护眼部。

**Eye Protection:**

Wear eye protection/face protection. Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

皮肤和身体保护: 戴防护手套/穿防护服。根据工作场所中的危险物浓度和含量选择合适的防护服。接触物质后, 请先用肥皂水冲洗, 然后用大量清水冲洗。

**Skin and Nody Protection:**

Wear protective gloves/protective clothing. Choose appropriate protective clothing according to the concentration and content of hazardous substances in the workplace. After contact with the substance, wash with soapy water first with plenty of water.

呼吸系统保护: 如果通风不足, 请佩戴合适的认证的呼吸系统防护设备。

**Respiratory Protection:**

If ventilation is insufficient, wear properly certified respiratory protection equipment.



## 第九节物理和化学特性

## Section 9 Physical and Chemical Properties

颜色及物理状态: Colour & Physical State:	绿色粘稠液体 Green viscous liquid
气味: Odour:	稍有气味 little odor
熔点/凝固点: Mp/Fp:	无数据 No Data
沸点: Boiling Point:	无数据 No Data
易燃性: Flammability:	易燃 Flammable
上下爆炸极限/易燃极限: Lower and Upper Explosion Limit/Flammability Limit:	无数据 No Data
闪点(闭杯): Flash Point (CLOSED CUP):	58°C, 不能持续燃烧 58°C, Unable to sustain combustion
自燃温度: Auto-Ignition Temperature:	无数据 No Data
分解温度: Decomposition Temperature:	无数据 No Data
pH:	无数据 No Data
粘度(20°C, mPa·s) Viscosity:	无数据 No Data
可溶性(常压, 液温 13°C): Solubility (Normal Pressure, Liquid Temperature 13°C):	不溶于水 Insoluble in water
辛醇-水分配系数(对数值): Partition Coefficient n-Octanol/Water (Log Value):	无数据 No Data
蒸气压: Vapour Pressure:	无数据 No Data
密度和/或相对密度: Density and/or Relative Density:	无数据 No Data
相对蒸气密度(空气=1) Relative Vapour Density:	无数据 No Data
粒度: Particle Size:	不适用 Not applicable



**第十节 稳定性和反应性****Section 10 Stability and Reactivity**

反应性: 无数据资料

Reactivity: No data available

化学稳定性: 在要求的贮存条件下, 该化学品稳定。

Chemical Stability: The chemical is stable under the required storage conditions.

危险反应的可能性: 无数据资料

Possibility of a Hazardous Reactions: No data available

应避免的条件: 无数据资料

Conditions to Avoid: No data available

不相容材料: 无数据资料

Incompatible Materials: No data available

危险分解产物: 无数据资料

Hazardous Decomposition Products: No data available

**第十一节 毒理学信息****Section 11 Toxicological Information**

急性经口毒性LD <sub>50</sub> (mg/kg) Acute Oral:LD <sub>50</sub> (mg/kg)	无数据资料 No data available
急性经皮毒性LD <sub>50</sub> (mg/kg) Acute Dermal:LD <sub>50</sub> (mg/kg)	无数据资料 No data available
急性吸入毒性LC <sub>50</sub> (mg/L) Acute Inhalation:LC <sub>50</sub> (mg/L)	无数据资料 No data available
皮肤腐蚀/刺激性 Skin Corrosive/Irritation	无数据资料 No data available
严重眼损伤/刺激 Serious Eye Damage/Irritation	无数据资料 No data available
呼吸道致敏 Respiratory Sensitization	无数据资料 No data available
皮肤致敏 Skin Sensitization	无数据资料 No data available
生殖细胞致突变性 Germ Cell Mutagenicity	无数据资料 No data available
致癌性 Carcinogenicity	无数据资料 No data available
生殖毒性 Reproductive Toxicity	无数据资料 No data available
特定性靶器官毒性-一次接触 STOT-single Exposure	无数据资料 No data available
特定性靶器官毒性-重复接触 STOT-repeated Exposure	无数据资料 No data available
吸入危害 Aspiration Hazard	无数据资料 No data available
潜在的健康影响 Potential Health Effects	无数据资料 No data available



## 第十二节 生态信息

### Section 12 Ecological Information

生态毒性: 96hr LC<sub>50</sub> 鱼: 无数据资料

48hr EC<sub>50</sub> 甲壳纲动物: 无数据资料

72 or 96hr EC<sub>50</sub> 藻类: 无数据资料

Ecological Toxicity: 96hr LC<sub>50</sub> fish: No data available

48hr EC<sub>50</sub> crustaceans: No data available

72 or 96hr EC<sub>50</sub> algae: No data available

持久性和降解性: 无数据资料

Persistence and Degradability: No data available

生物蓄积潜力: 无数据资料

Bioaccumulative Potential: No data available

土壤中的流动性: 无数据资料

Mobility in Soil: No data available

其他有害效应: 无数据资料

Other Adverse Effects: No data available

## 第十三节 处置考虑

### Section 13 Disposal Considerations

废弃物处置方法: 应按照国家/地方/区域/国家规章处理废弃物。适宜通过分解或与易燃溶剂混合后在配有加力燃烧室和洗刷功能的化学焚烧炉中进行焚烧处理。

Waste Disposal: Dispose of in a manner consistent with local/regional/national regulations, preferably by dissolution or mixture with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

污染了的包装物: 根据国家/地方/区域/国家规章来处理包装物。

Contaminated Packaging: Dispose of container in accordance with local/regional/national regulations.

## 第十四节 运输信息

### Section 14 Transport Information

联合国《规章范本》第23版:

UN编号: 非限制

正式运输名称: 非限制

危险货物类别: 非限制

包装类别: 无

UN Model Regulation (23rd):

UN No.: Not restricted

Proper Shipping Name: Not restricted

Class: Not restricted

Packing Group: No

海运IMDG 2022版:

UN编号: 非限制

正式运输名称: 非限制

危险货物类别: 非限制

包装类别: 无



## Maritime Transport IMDG 2022 Edition:

UN No. (IMDG): Not restricted  
Proper Shipping Name(IMDG):Not restricted  
Class(IMDG):Not restricted  
Packing Group:No

## 航空运输DGR 66版:

UN编号:非限制  
正式运输名称: 非限制  
危险货物类别: 非限制  
包装类别: 无

## Dangerous Goods Regulations(DGR) Edition 66:

UN No.:Not restricted  
Proper Shipping Name(DGR): Not restricted  
Class(DGR): Not restricted  
Packing Group:No

**第十五节 管理信息****Section 15 Regulatory Information**

## 中国:

国内化学品安全法规: 危险化学品安全管理条例, 《危险化学品目录》(2015版)、美国ACGIH工作场所化学有害因素职业接触限值。经分类鉴定, 该样品未在《危险化学品目录》(2015版)具体列明, 未在美国ACGIH工作场所化学有害因素职业接触限值中列明。

## CHINA:

Domestic Regulations on Chemical Safety Management: Regulations on the Safety Management of Hazardous Chemicals, Hazardous Chemicals Catalogue (2015 edition), ACGIH Occupational Exposure Limits for Chemical Hazards in the Workplace. After classification and identification, this sample was not specifically listed in the Hazardous Chemicals Catalogue (2015 edition). this sample was not specifically listed in the ACGIH Occupational Exposure Limits for Chemical Hazards in the Workplace.



**第十六节 其他信息****Section 16 Other Information**

本信息是根据我们所掌握的知识所编制, 仅用于健康、安全和环境的目的。请不要将本信息作为任何形式的担保。请对可能使用、处置和需要安全操作本产品的人员提供必要的培训。

The information is to the best of our knowledge and is just used for health, safety and environmental purpose. It shall not be treated as any form of warranty. Please provide a proper training to the person who may use, manage of this material and those safety-handling persons.

修订日期: /

Revision Date: /

编制机构: 浙江省化工产品质量检验站有限公司

Edit Institution: Zhejiang Chemical Products Quality Inspection Co., Ltd.

检验地点: 杭州市天目山路387号

Inspection Location: No. 387, Tianmushan Road, Hangzhou

修订版本: /

Update and Revise: /

受检样品的安全数据单(包含第一节标识、第三节组成/成分信息、第九节物理和化学特性)由委托单位提供, 委托方对其真实性负责。本鉴别机构据此得出安全数据单中的信息。委托方承担因安全数据单信息错误造成的一切可能后果。

The safety data sheet of the sample (including Section 1 Identification, Section 3 composition/Information on Ingredients, Section 9 Physical and Chemical Properties) shall be provided by client, and client shall be responsible for its authenticity. This is the basis for the identification of the information in the safety data sheet. The client is responsible for all possible consequences caused by errors in the safety data sheet.

安全数据单有效期:

该安全数据单是根据联合国《全球化学品统一分类和标签制度》、联合国《关于危险货物运输的建议书 规章范本》、国际海事组织《国际海运危险货物规则》、国际航空运输协会《危险品规则》、《危险化学品安全管理条例》和国家标准等相关危险化学品管理法律法规和标准进行编制, 而上述法律法规和标准均会定期进行更新和变化。

The Period of Validity of the Safety Data:

The safety data sheet is based on UNITED NATIONS "Globally Harmonized System of Classification and Labelling of Chemicals", UNITED NATIONS "Recommendations on the Transport of Dangerous Goods - Model Regulations", IMO "International Maritime Dangerous Goods Code", IATA "Dangerous Goods Regulations", and "dangerous chemical safety management regulations" and the national standards and other related dangerous chemicals management laws and regulations and standards. The laws and regulations and standards are regularly updated and changed.

为使运输的危险货物符合相关最新的管理要求, 该产品安全数据单应于一年有效期内进行审核更新。

For the transport of dangerous goods in line with the requirements of the new management, the product safety data sheets should be in one year of valid reviewed and updated.



## 说 明 Instructions

1、本SDS无编制、审核、批准人签字,或涂改,或无“浙江省化工产品质量检验站有限公司检验检测专用章”及其骑缝章无效。

The safety data sheet is void without the signature of the preparer reviewer and approver, or if obliterated, or without the "Special seal for Inspection and Testing of Zhejiang Chemical Products Quality Inspection Co., LTD." and paging seal are invalid.

2、本SDS数据和结果仅对本机构收到的样品负责,样品代表性、真实性由委托方负责。

The data and result of this safety data sheet are only responsible for the sample received by this institution; the sample's representativeness and authenticity are borne by the client.

3、委托方必须如实提供样品的信息资料,本机构不负责其真实性。

This institution is not responsible for the authenticity of information about the sample provided by the client.

4、本机构已尽所知和最大能力实施本SDS的检验,不能因为本机构签发本SDS而免除卖方或其他方面根据合同和/或法律所承担的产品质量责任和其他责任。未标注认可标识的SDS,不具有对社会的证明作用。

This institution has implemented the inspection of this safety data sheet to the best of its knowledge and ability. The product quality responsibility and other responsibilities which are borne by the seller or other parties based on the contract and/or law cannot be exempted on account of that this institution issues this safety data sheet. The SDS without accreditation symbols shall have no social evidential function.

5、对本SDS如有异议,请及时提出。政府行政管理部门委托的指令性任务,相关方如有异议,应按政府行政管理部门规定及国家相关法律、法规规定进行。

Please timely raise any objection against this safety data sheet. If the related parties have any objection against the mandatory task entrusted by the government administration department, it shall be carried out in accordance with the government administration department and national related laws and regulations.

6、本SDS各页均为SDS不可分割之部分,同时SDS复制件存在与原件不符的风险,使用者单独抽出某些页或使用复制件导致误解或用于其他用途及由此造成的后果,本机构不承担相应法律责任。

The pages of this safety data sheet are inseparable parts of the safety data sheet; at the same time, the duplicate of the safety data sheet may be inconsistent with the original. If the user separately pulls out some pages or uses the duplicate and causes misunderstanding or uses for other purpose and any consequence is caused, this institution does not bear the corresponding legal liability.

7、本SDS中所用语言产生的歧义,以中文内容为准。

In case of any ambiguity from the language used in this safety data sheet, the Chinese version shall prevail.

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\*\*\*报告结束/END\*\*\*

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