



广东东溢新材料科技有限公司  
GUANGDONGDONGYI HIGH-TECHMATERIALSCIENCE&TECHNOLOGYCO.,LTD.  
Tel: 0760-88892754 Fax: 0760-88892744

## 物质安全手册 MSDS MATERIAL SAFETY DATA SHEET LIST

### 散热纯胶膜

Thermal conductivity Bonding Sheet

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## 1 产品与公司信息

### 1 Chemical Product and Company Information

品名: 散热纯胶膜

Product Name: Thermal conductivity bonding sheet

型号代码: PS

Type NO: PS

厂商: 广东东溢新材料科技有限公司

Manufacturer: GUANGDONG DONGYI HIGH-TECH MATERIAL SCIENCE &amp; TECHNOLOGY CO., LTD.

地址: 广东省中山市南区昌盛路 22 号/板芙镇智创路 1 号

Factory Address: NO.22 Changsheng Road, South District, Zhongshan City, Guangdong Province/ No. 1 ZhiChuang Road, Banfu Town

24 小时紧急电话: 0086-0760-88892754

Emergency Telephone (24 hr): 0086-0760-88892754

一般安规信息: 0086-0760-88892754

General Safety Information: 0086-0760-88892754

## 2 物理及化学性质

### 2 Physical & Chemical Properties

物质状态: 薄膜

Physical State: Solid

气味和颜色: 乳白色

Odor And Appearance: Semitransparent, Yellowish.

沸点: N/A

Boiling Point: Not Available

分解温度: N/A

Melting Point: Not Available

闪火点: N/A

Flash Point: Not Available

溶解度: N/A

Water Solubility: Insoluble

PH 值: N/A

PH: Not Available

蒸汽压: N/A

Vapor Pressure (mmHg): Not Available

蒸汽密度: N/A

Vapor density: Not Available

爆炸界限: N/A

Explosion limit: Not Available

自燃温度: N/A

Autoignition temperature: Not Available



## 3 化学成分

## 3 Chemical composition

名称:

Name:

## 1. 散热胶黏剂 (PS)

Modified polyester adhesive (PS) :

序号 Serial number	成分 Composition	重量百分比 (%) Quality percentage (%)	CAS 号 CAS NO.
1	环氧树脂 Epoxy resin	15~30	61788-97-4
2	丁腈橡胶 Rubber	10~20	1344-28-1
3	氧化铝 aluminiumoxide	50-80	7631-86-9
4	促进剂 Accelerant	1~5	461-58-5

2. 本产品符合欧盟 ROHS 所规定的禁用物质及卤素要求。

The product comply with EU RoHS and halogen free regulations

## 4 稳定性及反应性

稳定性: 温度低于 10°C 的低温, 湿度 70% 以下密封储存, 储存期为 3 个月。

Stability: stable below 10°C and relative humidity lower than 70% conditions of storage six months.

反应性: 温度低于 10°C, 湿度 70% 以下的冷库条件下密封储存, 无明显反应。

Reactivity: No obvious reaction in refrigeration storage below 10°C and relative humidity lower than 70% conditions.

应避免之条件: 防高温、光照;

Conditions To Avoid: Avoiding high temperature or illumination.

应避免之物质: 避免与氧化剂、强酸、强碱性化学性物质及有机试剂接触; 注意防尘。

Materials To Avoid: oxidizing agent, strong acid, alkali matter, organic reagent, dust elimination

有害分解物: 在一般生产条件下未有有害分解物产生。

Hazardous Decomposition: None at normal processing temperatures.



**5 有害物质信息**  
**5 Hazards Properties**

急毒性: N/A  
Acute Product Toxicity Data: Not Available  
眼睛危害: N/A  
Eye Irritation: Not Available  
局部过敏: N/A  
Skin Irritation: Not Available  
皮肤危害量: N/A  
Dermal : Not Available  
吸入危害量: N/A  
Ingestion: Not Available  
食入危害量: N/A  
Inhalation: Not Available



## 6 注意事项

### 6 Warning

概要:

Overview:

本产品由于不会产生挥发性物质,且无污染,故不会造成人身和环境影响。一般使用、接触时无须特别注意。

The product wouldn't result in a personal and environmental impact, due to no pollution and production of volatile substances. Generally do not need to pay special attention to when using, contact.

眼睛: 无气味刺激眼睛, 注意胶膜颗粒浸入眼睛。

Eyes: Dust from trimming, drilling and milling operations may cause irritation or injury due to mechanical action.

皮肤: 皮肤接触不会产生任何刺激和不适。

Skin: Powder from trimming, drilling and milling operations may cause skin irritation.

食入: 本产品一般无食入的可能和危险。

Ingesting: Not acutely toxic.

吸入: 本产品一般无吸入的可能和危险。

Ingesting: Dust may be irritating to the respiratory tract.

致癌物质:

Chronic/Carcinogenic:

NTP: Not Tested

OSHA: Not Regulated

IARC: Not Listed

医学制约: 此产品无已知的健康影响。

Medical Restrictions: There are no known human health effects aggravated to this product.

## 7 急救措施

### 7. First Aid Measures

眼睛: 立即使用大量清水冲洗至少 15 分钟, 如果症状持续, 立刻寻求医疗帮助。

Eyes: Immediately flush with large amounts of water for at least 15 minutes. If symptoms persist, seek medical help immediately

皮肤: 不会对眼睛造成刺激和伤害。用肥皂和凉水清洗净皮肤上的残留。

Skin: Wash with soap and cold water to prevent dust from entering skin pores.

食入: 本产品一般无食入的可能和危险。

Ingestion: Not probable

吸入: 如果吸入粉尘呼吸困难, 请寻求医疗帮助

Inhalation: Dust - if breathing becomes impaired, seek medical attention.



## 8 灭火措施

### 8 Fire Fighting Measures

消防：应具备完善的防护面具和防护服装。

Firefighting: Should have perfect protective mask and protective clothing.

灭火的媒介：喷水和泡沫,水是最佳的灭火媒介。不建议使用二氧化碳和干粉灭火, 因其缺乏冷却能力而可能使得重燃。

Extinguishing Media: Water spray ,foam.And water are the best extinguishing medium. Carbon dioxide and dry chemical are not generally recommended because their lack of cooling capacity may permit re-ignition.

有害燃烧物：一氧化碳、浓烟和微尘。

Hazardous Combustion Products: Hydrogen bromide. Formaldehyde, carbon monoxide, dense smoke and soot can be released while burning.

闪火点： N/A

Flash Point: Not Established

最低燃烧极限： N/A

Lower Flammable Limit: Not Established.

最大燃烧极限： N/A

Upper Flammable Limit: Not Established.

燃烧条件：持续的火源。

Conditions Of Flammability: Requires continuous flame source to ignite.

静电：静电对丙烯酸酯纯胶膜未有较大影响。但静电对生产操作过程中所产生的微尘较为敏感。

Static Discharge: The bonding sheet material is not sensitive to static discharge. Dust generated during trimming, drilling and milling operations may be sensitive to static discharge.

## 9 净化说明

### 9 Cleaning Instruction

常规：注意！请勿在生产过程中产生大量的微尘，否则采用相关回收设备避免该情况的产生。

General: Warning! During trimming, drilling and milling operations do not create dust cloud. Use collection methods such as vacuum and place into proper container for disposal or recovery.

## 10 处理办法

### 10 Handling Instruction

处理：采用完善的工业清洁设施，在生产操作过程中尽量减小微尘的吸入量，并充分透气。

Handling: Use good industrial hygiene practices. During trimming, drilling and milling operations minimize inhalation of dusts and contact with skin and eyes. Provide adequate ventilation.

储存：A、A1 胶膜温度控制在 30℃ 以下；A3 胶膜温度控制在 10℃ 以下，避开高温、热源。

Stage: Store in a dry place away from moisture, excessive heat and sources, A、A1 Bonding sheet should control store temperature below 30℃. A3 Bonding sheet should control store temperature below 10℃



## 11 生产安全事项

### 11 Operational Safety Instruction

建议工作场所保持连续供应新鲜空气, 采用完善的除尘设备以及相关的防护措施避免与微尘的接触。加工粉尘可能是火灾隐患;需定期从排气的容器,管道系统和其他表面清除灰尘。

A continuous supply of fresh air to the milling operations workplace together with removal of process dust through exhaust systems is recommended. Processing dust may be a fire hazard; remove periodically from exhaust hoods, ductwork and other surfaces using appropriate personal protection.

个人防护: 在修剪,钻孔和铣削操作时穿有护边的安全眼镜或化学护目镜, 修剪时,钻孔和铣削粉尘没有充分控制的, 使用呼吸防护用具。

Personal Protection:

Eye/Face: Wear safety glasses with side shields or chemical goggles during trimming, drilling and milling operations.

Respiratory: When trimming, drilling and milling dusts are not adequately controlled, use respirator approved for protection from dust

生产操作: 可在普通室内环境条件下操作。

Production operation: production under the condition of common indoor environment is available.

## 12 环境影响

### 12 Environmental Effect

常规: 无相关重大的环境影响。

General: Not expected to present any significant ecological problems.

## 13 废弃物处理方法

### 13 Disposal of Discard

有毒废物: N/A

Hazardous waste: Product is not a Hazardous Waste.

废物处理: 废弃物处理请符合当地的法律法规。

Waste Disposal: Waste disposal shall comply with local laws and regulations .

## 14 运输信息

### 14 Transformation Information

危险级别: 本产品非危险化学品, 可按一般化学品运输。

Dot Hazard Class: Not Regulated

运输名: N/A

Proper Shipping Name: Not Regulated

标示号: N/A

Indicate No: Not Regulated



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## 15 法规

### 15 Regulation

根据供应商通知, 该产品不含有可报告的物质数值

This product does not contain reportable quantities of substances subject to supplier notification.

危险品法令(TSCA): 遵守 USEPA 有毒物质控制法案的化学物质存放要求。

TSCA STATUS: This product complies with the Chemical Substance Inventory requirements of the USEPA Toxic Substances Control Act.

车间危险品管理系统(WHMIS): 非受控产品。

WHMIS Classification: Not a controlled product.

## 16 其它数据

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对上述数据已力求准确, 各项数据仅供参考, 使用者请依应用需求, 自行判断其可用性。

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客户责任: 每个用户应该清楚和理解该手册信息以及相关的危害通识标准(HCS)。

User Responsibility: Each user should read and understand this information and applicable Hazard Communication Standards and Regulations.