



广东东溢新材料科技有限公司  
GUANGDONG DONGYI HIGH-TECH MATERIAL SCIENCE&TECHNOLOGY CO., LTD.  
Tel: 0760-88892754 Fax: 0760-88892744

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

无卤聚酰亚胺有胶补强板  
Halogen-free PI Stiffener with adhesive

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## 1 产品与公司信息

### 1 Chemical Product and Company Information

品名：无卤聚酰亚胺有胶补强板

Product Name: Halogen-free PI Stiffener with adhesive

型号代码：DTIA

Type NO：DTIA

厂商：广东东溢新材料科技有限公司

Manufacturer: GUANGDONG DONGYI HIGH-TECH MATERIAL SCIENCE&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：固态

Physical State: Solid

气味和颜色：黄色~黑色

Odor And Appearance: Yellow,black

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



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## 3 化学成分

### 3 Chemical composition

名称：

Name:

1、环氧树脂接着剂 (20~40%)

Epoxy adhesive (20~40%)

| 序号<br>Number | 成分<br>Composition         | 重量百分比 (%)<br>Quality percentage (%) | CAS 号<br>CAS NO. |
|--------------|---------------------------|-------------------------------------|------------------|
| 1            | 环氧树脂<br>Epoxyresin        | 58~36                               | 25036-25-3       |
| 2            | 氢氧化铝<br>AluminumHydroxide | 27~17                               | 21645-51-2       |
| 3            | 丁腈橡胶<br>Chemigum          | 30~22                               | 9003-18-3        |
| 4            | 促进剂<br>PromotingAgents    | 2~1                                 | 461-58-5         |
| 5            | Phosphinates<br>(磷系反应型)   | 5~2                                 | 35948-25-5       |

2、聚丙烯酸酯胶黏剂 (10~30%) :

Acrylic adhesive (10~30%) :

| 序号<br>Number | 成分<br>Composition             | 重量百分比 (%)<br>Quality percentage (%) | CAS 号<br>CAS NO. |
|--------------|-------------------------------|-------------------------------------|------------------|
| 1            | 丙烯酸共聚物<br>Acrylate Acid Resin | 85 ±5                               | 25133-97-5       |
| 2            | 丙烯酸<br>Acrylic acid           | 15 ±5                               | 79-10-7          |

3、聚酰亚胺膜 (40~50%) CAS 号 31975-60-7

Polyimide film (40~50%) CAS NO.31975-60-7

4、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



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## 4 稳定性及反应性

稳定性：温度低于30℃的低温，湿度 70%以下密封储存，储存期为 6 个月。

**Stability:** stable below 30°C and relative humidity lower than 70% conditions of storage six months.

反应性：温度低于30℃，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 30°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

### 6Warning

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.



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## 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 and 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：静电对产品未有较大影响。但静电对生产操作过程中所产生的微尘较为敏感。

Static Discharge: The product isn't 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：应避开潮湿、热源。

Stage: Store in a dry place away from moisture, excessive heat sources.



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## 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:

Personal Protection:

眼睛/脸部: 配戴防护眼镜和防护面具。

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

呼吸: 裁切时,钻孔和铣削粉尘没有充分控制的, 使用呼吸防护用具。

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 Discad

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 .



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## 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 Regulate

## 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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制作单位：研发部

Prepared By: R&D Departmen

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讯标准(HCS)。

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