



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 Number	成分 Composition	重量百分比 (%) Quality percentage (%)	CAS 号 CAS NO.
1	环氧树脂 Epoxyresin	58~36	25036-25-3
2	氢氧化铝 AluminumHydroxide	20~10	21645-51-2
3	二乙基次膦酸铝 Aluminum diethylphosphinate	10~5	225789-38-8
4	丁腈橡胶 Chemigum	30~22	9003-18-3
5	促进剂 Promoting Agents	2~1	461-58-5

2、聚丙烯酸酯胶黏剂 (10~30%)：

Acrylic adhesive (10~30%)：

序号 Number	成分 Composition	重量百分比 (%) Quality percentage (%)	CAS 号 CAS NO.
1	丙烯酸共聚物 Acrylate Acid Resin	85 ±5	25133-97-5
2	丙烯酸 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°C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°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 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

急性毒性： 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: N ot acutely toxic.

吸入：本产品一般无吸入的可能和危险。

Ingesting: D ust 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: N ot probable

吸入：如果吸入粉尘呼吸困难, 请寻求医疗帮

Inhalation: D ust - 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 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 Regulated

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。东溢新材料有限公司不保证也不明示或暗示包含商业性和适应性。

The above information and recommendations are believed accurate and reliable. Additional safety precautions may be required as it is not possible to anticipate all conditions of use. Dongyi New Material Co.,Ltd makes no warranty either express or implied including merchant ability and fitness.

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.