



物质安全手册 MSDS
MATERIALSAFETYDATASHEETLIST

无卤聚酰亚胺白色覆盖膜
Halogen-freePIWhiteCoverlay

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1 产品与公司信息

1 Chemical Product and Company Information

品名: 无卤聚酰亚胺白色覆盖膜

Product Name: Halogen-free Black PIC Overlay

型号代码: DCWB

Type NO: DCWB

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, China/No. 1 ZhiChuang Road, Banfu Town

24 小时紧急电话: 0086-0760-88892754

Emergency Telephone(24hr): 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:	白色
Odor And Appearance:	White
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



1 化学成分

2 Chemical composition

名称:

Name:

1、环氧树脂接着剂 (30-40%)

Epoxyadhesive (30-40%)

序号 Number	成分 Composition	重量百分比 (%) Qualitypercentage (%)	CAS 号 CASNO.
1	环氧树脂 Epoxyresin	36~58	25036-25-3
2	氢氧化铝 AluminumHydroxide	17~27	21645-51-2
3	丁腈橡胶 Chemigum	22~30	9003-18-3
4	促进剂 PromotingAgents	1~2	461-58-5

2、聚酰亚胺膜

Polyimide film

序号 Number	成分 Composition	重量百分比 (%) Qualitypercentage (%)	CAS 号 CASNO.
1	聚酰亚胺膜 Polyimide film	30~60%	31975-60-7

2、白色油墨 (30~40%)

WhiteAdhesive (30~40%)

序号 Number	成分 Composition	重量百分比 (%) Qualitypercentage (%)	CAS 号 CASNO.
1	二氧化钛	50~70%	13463-67-7
2	改性聚酯	30~50%	25135-73-3
3	其他助剂	5-10%	非公开

3、本产品符合 ROHS 所规定的禁用物质及卤素要求。

TheproductcomplywithRoHSand halogen freeregulations



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 3 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: 材料温度高于 125°C 将会产生分解;

Conditions To Avoid: Material will decompose when temperature is higher than 125°C.

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, alkalimatter, 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 OSH

A:

Not Regulated I

ARC: 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: 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 FireFightingMeasures

消防：应具备完善的防护面具和防护服装。

Firefighting:Should have perfectprotectivemask 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。

ExtinguishingMedia:Waterspray,foam.Andwaterarethebestextinguishingmedium.Carbondioxideanddry chemicalarenotgenerallyrecommendedbecauseoftheir lackofcoolingcapacitymaypermit re-ignition.

有害燃烧物：一氧化碳、浓烟和微尘。

HazardousCombustionProducts:Hydrogenbromide.Formaldehyde,carbonmonoxide,densesmokeandsoot can be released while burning.

闪火点：N/A

Flash Point:NotEstablished

最低燃烧极限：N/A

LowerFlammableLimit:NotEstablished.

最大燃烧极限：N/A

UpperFlammableLimit:NotEstablished.

燃烧条件：持续的火源。

ConditionsOfFlammability:Requirescontinuous 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。

StaticDischarge:Theproductisn'tsensitivetostaticdischarge.Dustgeneratedduringtrimming,drillingand milling operations maybe sensitivetostatic 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!Duringtrimming,drillingandmillingoperationsdonotcreatedustcloud.Usecollection methodssuch as vacuumand place into propercontainerfordisposalorrecovery.

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:Usegoodindustrialhygienepactices.Duringtrimming,drillingandmillingoperationsminimize inhalationofdustsandcontact with skin and eyes. Provide adequate ventilation.

储存：应避开潮湿、热源。

Stage:Storein a dryplaceawayfrommoisture, excessive heat sources.



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 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。
 DotHazardClass: NotRegulated
 运输名: N/A
 Proper ShippingName: NotRegulated
 标示号: N/A
 Indicate No: NotRegulated

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 晶 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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