

化学品安全技术说明书  
MATERIAL SAFETY DATA SHEETS  
3D 打印线材

Bambu PLA Translucent

客户名称 : 深圳拓竹科技有限公司  
Prepared for : Shenzhen TuoZhu Technology Co., Ltd.  
地址 : 深圳市前海深港合作区前湾一路1号A栋201室  
Address : Room 201, Building A, No. 1 First Qianwan Road, Qianhai Shengang Cooperation Zone, Shenzhen

编制单位 : 苏州市信测标准技术服务有限公司  
Prepared by : EMTEK (SUZHOU) CO., LTD  
地址 : 苏州市吴中经济开发区郭巷街道淞葭路1388号  
Address : Development Zone, Suzhou  
电话 : +86-0512-80996798  
Tel : +86-0512-80996798  
传真 : +86-0512-80996689  
Fax : +86-0512-80996689

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代表  
苏州市信测标准技术服务有限公司

编

制:

王佳乐

审

核:

杜适

王佳乐, Willow

杜适, Damon

姜宇锋, Jason

授权签字人

2024年11月28日

## 化学品安全技术说明书

## MATERIAL SAFETY DATA SHEETS

## 1 - 化学品及企业标识

## 1 - Identification of the substance /preparation and of the company/undertaking

名称 : 3D 打印线材  
**Sample Name** : Bambu PLA Translucent  
型号 : A17-xx (xx 代表任意后缀)  
**Model** : A17-xx(xx stands for any suffix)  
最终用途 : 3D 打印线材  
**End Uses** : 3D printing filament  
公司名称 : 深圳拓竹科技有限公司  
**Company Identification** : Shenzhen Tuozhu Technology Co., Ltd.  
公司地址 : 深圳市前海深港合作区前湾一路 1 号 A 栋 201 室  
**Company Address** : Room 201, Building A, No. 1 First Qianwan Road, Qianhai Shengang  
Cooperation Zone, Shenzhen  
传真 : nina.yang@bambulab.com  
**FAX** : nina.yang@bambulab.com  
电话号码 : +86 15899878284  
**Telephone** : +86 15899878284  
邮箱 : /  
**Email** : /

## 2 - 危险性概论

## 2 - Hazards Identification

危险性类别：根据GHS分类

Fatality Grade : According to GHS.

|                     |                               |
|---------------------|-------------------------------|
| 象形图                 | : /                           |
| Hazard Symbols      | : /                           |
| 警示词                 | : /                           |
| Signal word         | : /                           |
| 侵入途径                | : 吸入、食入。                      |
| Invasion Route      | : Suction、Ingestion.          |
| 健康危害                | : 对身体无危害。                     |
| Health Hazards      | : No harm to the body.        |
| 环境危害                | : 对环境无危害。                     |
| Environment Hazards | : No harm to the environment. |
| 其它危害                | : /                           |
| Other hazards       | : /                           |

## 3 - 成分/ 组成信息

## 3 - Composition / Information on Ingredients

物质  混合物   
 Substance  Mixture

| 物质<br>Component/Substance         | 浓度（范围）<br>% by wt | CAS 号<br>CAS Number | EC 号<br>EC Number |
|-----------------------------------|-------------------|---------------------|-------------------|
| 聚乳酸(PLA)<br>Polylactic acid (PLA) | 85-95             | 26023-30-3          | /                 |
| 添加剂<br>Additive                   | 5-15              | /                   | /                 |

**4 - 急救措施****4 - First Aid Measures**

- 皮肤接触** : 脱去污染的衣着, 用肥皂水和清水彻底冲洗皮肤。如有不适感, 就医。
- Skin Contact** : Remove contaminated clothing and thoroughly rinse the skin with soap and water. If you feel unwell, seek medical attention.
- 眼睛接触** : 提起眼睑, 用流动清水和生理盐水冲洗。立即就医。
- Eye Contact** : Flashed eyelid, wash with flowing water and physiological saline. Immediate medical attention.
- 吸入** : 立即移至空气新鲜处。如有呼吸困难, 给予吸氧; 如无呼吸, 施行人工呼吸, 立即就医。
- Inhalation** : Immediately move to a place with fresh air. If you have difficulty breathing, give oxygen inhalation; If not breathing, administer artificial respiration and seek medical attention immediately.
- 食入** : 昏迷者不要口服任何东西。立即就医。不要催吐。就医。
- Ingestion** : Comatose individuals should not take anything orally. Seek medical attention immediately. Do not induce vomiting. Seek medical attention.

**5 - 消防措施****5 - Fire-Fighting Measures**

- 特别危险性** : /
- Particularly dangerous** : /
- 有害燃烧产物** : /
- Hazardous combustion products** : /
- 灭火注意事项及防护措施** : 消防人员必须佩戴合适的空气呼吸器并穿防护服。在上风向灭火。
- Matters needing attention and protective measures** : 在确保安全的前提下, 尽可能将容器从火场移至空旷处, 喷水冷却容器。火灾后保持场所的通风换气。可燃性: 产品本身不可燃, 其包装材料遇火可能有有害物质产生。Firefighters must wear suitable air respirators and protective clothing. Extinguish the fire in the upwind direction. On the premise of ensuring safety, try to move the container from the fire scene to an open area and spray water to cool the container. Maintain ventilation and air exchange in the area after a fire. Flammability: The product itself is not

flammable, and its packaging materials may produce harmful substances when exposed to fire.

## 6 - 泄露应急处理 6 - Leakage emergency treatment

**应急处理** : 隔离泄漏污染区, 限制出入。避免扬尘, 小心扫起, 置于袋中转移至安全场所  
**Emergency Management** : 或运至废物处理场所处置。  
Isolate the contaminated area and restrict access. Avoid dust, sweep up carefully, and transfer in a bag  
Transport to a safe place or to a waste disposal site for disposal.

## 7 - 操作处置与储存 7 - Handling and Storage

**操作处置** : 操作人员须经过专门培训, 遵守操作规程。远离火种、热源, 工作场所严禁吸烟。  
**Handling** : 配备相应品种和数量的消防器材及泄漏应急处理设备。  
Operators must undergo specialized training and comply with operating procedures. Keep away from sparks and heat sources, and smoking is strictly prohibited in the workplace. Equip corresponding types and quantities of firefighting equipment and emergency response equipment for leaks.

**储存** : 严禁高温多湿, 在阴凉干燥处密封保存。  
**Storing Notes** : 严禁与各种易挥发性物质、酸、碱、盐等混合储存。  
Strictly prohibit high temperature and humidity, store in a cool and dry place sealed.  
It is strictly prohibited to store mixed with various volatile substances, acids, bases, salts, etc.

## 8 - 接触控制和个体防护

## 8 - Contact control and personal protection

最高容许浓度: /

**Maximum Admissible Concentration:** /

检测方法 : /

**Monitoring Method** : /

工程控制 : 提供足够的局部排气通风。

**Engineering Control** : Provide adequate local exhaust ventilation.

呼吸系统防护 : 防护面罩。

**Respiratory Protection** : Face shield.

眼睛防护 : 安全眼镜、安全封闭式眼镜。

**Eyes Protection** : Safety glasses, safety closed glasses.

身体防护 : 穿防护服。

**Body protection** : Wear protective clothing.

手防护 : 戴防化学品手套。

**Hands Protection** : Wear chemical resistant gloves.

其他防护 : 工作完毕, 淋浴更衣。

**Other protections** : After work, take a shower and change clothes.

## 9 - 理化特性

## 9 - Physical and Chemical Properties

外观 : 无数据可获得。

**Appearance** : No data available.

沸点 : 无数据可获得。

**Boiling Point** : No data available.

熔点 : 无数据可获得。

**Melting Point** : No data available.

酸碱度 : 无数据可获得。

**pH** : No data available.

蒸汽压 : 无数据可获得。

**Vapor Pressure** : No data available.

气味 : 无数据可获得。

**Odor** : No data available.

密度 : 无数据可获得。

**Density** : No data available.

闪点 : 无数据可获得。

**Flashing Point** : No data available.

比热 : 无数据可获得。

**Specific Heat** : No data available.

溶解性 : 无数据可获得。

**Solubility** : No data available.

|           |                      |                |                      |
|-----------|----------------------|----------------|----------------------|
| 粘度        | : 无数据可获得。            | 蒸汽密度           | : 无数据可获得。            |
| Viscosity | : No data available. | Vapour density | : No data available. |
| 颜色        | : 无数据可获得。            |                |                      |
| Colour    | : No data available. |                |                      |

## 10 - 稳定性和反应性

### 10 - Stability and Reactivity

|                                        |                                                                                 |
|----------------------------------------|---------------------------------------------------------------------------------|
| 稳定性                                    | : 常态下稳定。                                                                        |
| Stability                              | : Stable under normal use.                                                      |
| 避免接触条件                                 | : 高温高湿、雨雪浸淋。                                                                    |
| Conditions to Avoid                    | : High temperature and humidity, rain and snow immersion.                       |
| 禁配物                                    | : /                                                                             |
| Materials to Avoid                     | : /                                                                             |
| 有害分解产物                                 | : /                                                                             |
| Hazardous Reactions                    | : /                                                                             |
| 氧化危险性鉴定                                | : 本品不属于氧化剂和有机过氧化物。                                                              |
| Identification of<br>Oxidative Hazards | : The product is not, classified in Oxidizing Substances and Organic Peroxides. |

## 11 - 毒理学信息

### 11 - Toxicological Information

|                       |                      |                 |                      |
|-----------------------|----------------------|-----------------|----------------------|
| 急性毒性 Acute Toxicity:  | /                    |                 |                      |
| 刺激性                   | : 无数据可获得。            | 致癌性             | : 无数据可获得。            |
| Irritation            | : No data available. | Carcinogenicity | : No data available. |
| 致敏性                   | : 无数据可获得。            | 致突变性            | : 无数据可获得。            |
| Allergenicity         | : No data available. | Mutagenicity    | : No data available. |
| 生殖毒性                  | : 无数据可获得。            |                 |                      |
| Reproductive Toxicity | : No data available. |                 |                      |

**12 - 生态学信息****12 - Ecological Information**

|                                      |                      |
|--------------------------------------|----------------------|
| 生态毒性                                 | : 无数据可获得。            |
| <b>Ecotoxicity</b>                   | : No data available. |
| 持久性和降解性                              | : 无数据可获得。            |
| <b>Persistence And Degradability</b> | : No data available. |
| 土壤中的迁移性                              | : 无数据可获得。            |
| <b>MobilityIn Soil</b>               | : No data available. |
| 潜在的生物累积性                             | : 无数据可获得。            |
| <b>Bioaccumulative Potential</b>     | : No data available. |
| 其他有害作用                               | : /                  |
| <b>Other Harmful Effects</b>         | : /                  |

**13 - 废弃处置****13 - Disposal Considerations**

|                               |                                                                                 |
|-------------------------------|---------------------------------------------------------------------------------|
| 废弃物性质                         | : /                                                                             |
| <b>Nature Of Waste</b>        | : /                                                                             |
| 废弃物处置方法                       | : 处置前应参阅国家和地方有关法规。                                                              |
| <b>Waste Disposal Methods</b> | : Before disposal, relevant national and local regulations should be consulted. |
| 废弃物注意事项                       | : 无                                                                             |
| <b>Attention Abandoned</b>    | : No                                                                            |

**14 - 运输信息****14 - Transport Information**

|                       |     |
|-----------------------|-----|
| 危险货物编号                | : / |
| <b>UN Number</b>      | : / |
| 运输名称                  | : / |
| <b>Shipping Name</b>  | : / |
| 危险性分类                 | : / |
| <b>Classification</b> | : / |



包装组（如果可能） : 无。

**Packaging Group** : No.  
(if applicable)

运输注意事项 : 运输过程中要确保产品不倒塌，不坠落。严禁与强酸、强碱等混装运输。

**Transport Attentions** : 运输途中应防止高温暴晒、雨雪浸淋。

Ensure that the product does not collapse or fall during transportation. It is strictly prohibited to mix and transport with strong acids, strong alkalis, etc.

During transportation, measures should be taken to prevent exposure to high temperatures, rain, and snow.

## 15 - 法规信息 15 - Regulatory Information

法规信息 : ISO 11014-2009

Safety data sheet for chemical products - Content and order of sections

GB/T 16483-2008 化学品安全技术说明书内容和项目顺序

GB 13690-2009 化学品分类和危险性公示通则

国家危险性废弃物名录

GHS - Globally harmonized system of classification and labeling of chemicals, third revised edition.

加拿大有害物质信息法 (WHMIS2015)

消防法规

**Regulatory Information** : ISO 11014-2009

Safety data sheet for chemical products - Content and order of sections

GB/T 16483-2008

Safety data sheet for chemical products—Content and order of sections

GB 13690-2009

General rule for classification and hazard communication of chemicals

National Hazardous Waste List

GHS - Globally harmonized system of classification and labeling of chemicals, third revised edition.

Law of Hazardous Material Information System (WHMIS2015)

Fire regulations

**16 - 其他信息**  
**16 - Other Information**

|                        |   |                                                                                                                                                                                                                                                                                                     |
|------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 日期                     | : | 2024-11-28                                                                                                                                                                                                                                                                                          |
| Date                   | : | Nov. 28,2024                                                                                                                                                                                                                                                                                        |
| 数据审核单位                 | : | 苏州市信测标准技术服务有限公司                                                                                                                                                                                                                                                                                     |
| Data Audit Units       | : | EMTEK (SUZHOU) CO., LTD                                                                                                                                                                                                                                                                             |
| 缩写                     | : | EC: European Inventory of Existing Commercial chemical Substances<br>CAS : Chemical Abstracts Service (division of the American Chemical Society)                                                                                                                                                   |
| Abbreviation           | : | RTECS: Registry of Toxic Effects of Chemical Substances.<br>PC-TWA: 时间加权平均容许。/PC TWA: Time weighted average allowable.                                                                                                                                                                              |
| 术语                     | : | /                                                                                                                                                                                                                                                                                                   |
| The term               | : | /                                                                                                                                                                                                                                                                                                   |
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| Other InformationOther | : | The above information based on accurate data, because this information may be applied under conditions beyond our control, or is modified, and we do not bear any responsibility. This information determines the purpose of the case of proprietary materials and configurations in the recipient. |

声明: 报告: ESZ2411110058C00103R 作废, 由报告 ESZ2411110058C00103RM1 所取代

Declaration: Report ESZ2411110058C00103R was repealed and replaced by report

ESZ2411110058C00103RM1

\*\*\* MSDS 结束 \*\*\*

\*\*\*End of MSDS\*\*\*

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