



Centre Testing International Group

SDS

Report No. : A2250167400101R1

Company Name

Shenzhen Tuozhu Technology Co., Ltd.

shown on Report:

**Address: Room 201, Building A, No. 1 First Qianwan Road,
Qianhai Shengang Cooperation Zone, Shenzhen**

Sample Name: Bambu Support for PLA

Reviewed by:

Jeff Wang

Approved by:

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No. R8C9B26B5C

Safety Data Sheet

Bambu Support for PLA

Version: V1.0.0.1
Report No.: A2250167400101R1
Creation Date: 2025/03/24
Revision Date: 2025/03/24

*Prepared according to EU regulation No. 2020/878

1 Identification of the substance/mixture and of the company/undertaking

|Product identifier

Product Name	Bambu Support for PLA
Common Name/Trade Name	None
Model	S02-xx(xx stands for any suffix)
CAS No.	Not applicable
EC No.	Not applicable
Molecular Formula	Not applicable
REACH Registration Number	-
UFI	Not applicable

| Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	3D printer consumables
Uses advised against	Please consult the supplier

| Details of the supplier of the Safety Data Sheet

Name of the company	Shenzhen Tuozhu Technology Co., Ltd.
Address of the company	Room 201, Building A, No. 1 First Qianwan Road, Qianhai Shengang Cooperation Zone, Shenzhen
Post code	-
Telephone number	13011139599
Fax number	-
E-mail address	tong.luo@bambulab.com

| Emergency telephone number

Emergency telephone number	4006800166
Opening hours	24h

2 Hazards identification

|CLP classification according to Regulation (EC) No. 1272/2008

According to Regulation (EC) No 1272/2008 and its amendments. Not classified as a dangerous substance.

| Label elements

Hazard pictograms	Not applicable
Signal word	Not applicable

Hazard statements

Hazard statements	Not applicable
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Precautionary statements

◆ Prevention		
	Prevention	Not applicable
◆ Response		
	Response	Not applicable
◆ Storage		
	Storage	Not applicable
◆ Disposal		
	Disposal	Not applicable

Other hazards

◆ Results of PBT and vPvB assessment	
Results of PBT and vPvB assessment	This substance/mixture does not contain ingredients considered to be persistent, bioaccumulation, and toxic (PBT), nor does it contain very persistent and very bioaccumulation (vPvB) ingredients at a level of 0.1% or higher.
◆ Results of endocrine disrupting properties assessment	
Results of endocrine disrupting properties assessment	This product does not contain substances with endocrine disrupting properties.
◆ Other	
	Not applicable.

3 Composition/information on ingredients

Substance/mixture

	Mixture
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Component	Weight % content (or range)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific Conc. Limits, M-factors
POLY(1,4-CYCLOHEXANEDIMETHYLENE TEREPHTHALATE- CO-ETHYLENE TEREPHTHALATE) CAS: 25640-14-6 EC: 607-767-6 Index No.: -	50-60	Not Classified	-

Poly(ethylene terephthalate) CAS: 25038-59-9 EC: 607-507-1 Index No.: -	20-30	Not Classified	-
Additive CAS: N/A EC: N/A Index No.: -	10-20	No information available	-

4 First-aid measures

| Description of first aid measures

General advice	No danger, no need for special first aid measures.
Eye contact	Open your eyelids and rinse your eyes with plenty of water for a few minutes. If the stimulation persists, seek medical attention.
Skin contact	Usually, no special measures are required. If there are signs of irritation or other symptoms, please seek medical attention.
Ingestion	Do not feed anything from the mouth to an unconscious person. Call a doctor immediately.
Inhalation	Under normal circumstances, inhalation is harmless. If you feel unwell, please transfer to fresh air.
Protecting of first-aiders	Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.

| Most important symptoms/effects, acute and delayed

1	Please see section 11.
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| Indication of any immediate medical attention and special treatment needed

1	Treat symptomatically.
2	Symptoms may be delayed.

5 Fire-fighting measures

| Extinguishing media

Suitable extinguishing media	Use extinguishing media suitable for surrounding area.
Unsuitable extinguishing media	There is no restriction on the type of extinguisher which may be used.

| Specific hazards arising from the substance or mixture

1	If a fire occurs, smoke and other combustion products may form, and inhaling these combustion products can have serious adverse effects on health.
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| Advice for firefighters

1	As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.
2	Fight fire from a safe distance, with adequate cover.
3	Prevent fire extinguishing water from contaminating surface water or the ground water system.

6 Accidental release measures

| Personal precautions, protective equipment and emergency procedures

1	Use personal protective equipment. Ensure sufficient ventilation. Remove all ignition sources.
2	Quickly evacuate personnel to a safe area, away from the leakage area and in an upwind direction.
3	Avoid inhaling vapors, smoke, gases, or dust.

| Environmental precautions

1	Prevent further leakage or spillage if safe to do so.
2	Discharge into the environment must be avoided.

| Methods and materials for containment and cleaning up

1	Cut off the source of the leak as much as possible.
2	Keep leaks in a ventilated place.
3	Isolation of contaminated areas and restrictions on access.
4	It is recommended that emergency personnel wear dust masks.
5	Do not generate dust during collection and disposal. Sweep and shovel away. Place in a suitable closed container for processing.
6	Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

7 Handling and storage**| Precautions for safe handling**

◆ Protective measures

1	Handling is performed in a well ventilated place.
2	Wear suitable protective equipment.
3	Stay away from sparks and heat sources, and smoking is strictly prohibited in the workplace.
4	Handle according to good industrial hygiene and safety regulations.

◆ Measures to prevent fire

1	Keep away from heat/sparks/open flames/ hot surfaces.
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◆ Measures to prevent aerosol and dust generation

1	Avoid formation of dust and aerosols.
2	Provide appropriate exhaust ventilation at places where dust is formed.

◆ Advice on general occupational hygiene

1	Wash hands and face after using of the substances.
2	Replace the contaminated clothing immediately.

| Conditions for safe storage, including any incompatibilities

1	Keep containers in a dry, cool and well-ventilated place.
2	Keep away from heat/sparks/open flames/hot surfaces.
3	Store away from incompatible materials and foodstuff containers.

| Specific end use(s)

1	In addition to use mentioned in the first parts, unforeseen other specific end uses.
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8 Exposure controls/personal protection

Control parameters

Occupational Exposure limit values	There are no occupational exposure limits applicable to products or components.
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Biological limit values

Biological limit values	No relevant regulations.
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Monitoring methods

1	EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.
2	GBZ/T 300.1~GBZ/T 300.160-2017; GBZ/T 300.161~GBZ/T 300.164-2018 Determination of toxic substances in workplace air (Series standard).

Derived No effect level (DNEL)

Component	Route of exposure	DNEL for Workers			
		Acute effects(local)	Acute effects(systemic)	Chronic effects(local)	Chronic effects(systemic)
All components	Inhalation	No data available	No data available	No data available	No data available
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available

Predicted No Effect Concentration (PNEC)

Predicted No Effect Concentration (PNEC)	No information available.
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Engineering controls

1	Ensure adequate ventilation, especially in confined areas.
2	Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protection equipment

General requirement	No special requirements, please see the description below.
Eye protection	Normally, eye protection is not required. If exposed to steam/dust during production, chemical goggles should be worn.
Hand protection	Normally, hand protection is not required.
Respiratory protection	Generally, respiratory protection is not required. If the exposure limit is exceeded or irritation or other symptoms occur, please wear a dust or gas mask.
Skin and body protection	Normally, skin and body protection are not required.

9 Physical and chemical properties and safety characteristics

Physical and chemical properties

Physical state	White solid
Odor	Odorless
Odor threshold	No information available

pH	Not applicable
Melting point/freezing point(°C)	No information available
Initial boiling point and boiling range(°C)	No information available
Flash point(Closed cup,°C)	No information available
Evaporation rate	No information available
Flammability	Non flammable
Upper/lower explosive limits[%(v/v)]	Upper limit: Not explosive; Lower limit: Not explosive
Vapor pressure	No information available
Vapor density(Air = 1)	No information available
Relative density(Water=1)	No information available
Solubility	Insoluble in water
n-octanol/water partition coefficient	No information available
Auto-ignition temperature(°C)	No information available
Decomposition temperature(°C)	No information available
Viscosity	Not applicable
Explosive properties	Not explosive
Oxidizing properties	Not oxidizing
Particle characteristics	No information available

10 Stability and reactivity

| Stability and reactivity

Reactivity	Contact with incompatible substances can cause decomposition or other chemical reactions.
Chemical stability	Stable under proper operation and storage conditions.
Possibility of hazardous reactions	No information available.
Conditions to avoid	Incompatible materials, heat, flame and spark.
Incompatible materials	Strong oxidant.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 Toxicological information

|Acute toxicity

Component	LD50(oral)	LD50(dermal)	LC50(inhalation,4h)
All components	No information available	No information available	No information available

|Carcinogenicity

Component	List of carcinogens by the IARC Monographs	Report on Carcinogens by NTP
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POLY(1,4-CYCLOHEXANEDIMETHYLENE TERE-PHTHALATE- CO-ETHYLENE TEREPHTHALATE)	Not Listed	Not Listed
Poly(ethylene terephthalate)	Not Listed	Not Listed
Additive	No information available	No information available

|Endocrine disrupting properties

Endocrine disrupting properties	This product does not contain substances with endocrine disrupting properties.
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| Others

Bambu Support for PLA	
Skin corrosion/irritation	Based on available data, the classification criteria are not met
Serious eye damage/irritation	Based on available data, the classification criteria are not met
Skin sensitization	Based on available data, the classification criteria are not met
Respiratory sensitization	Based on available data, the classification criteria are not met
Reproductive toxicity	Based on available data, the classification criteria are not met
STOT-single exposure	Based on available data, the classification criteria are not met
STOT-repeated exposure	Based on available data, the classification criteria are not met
Aspiration hazard	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Based on available data, the classification criteria are not met
Reproductive toxicity(additional)	Based on available data, the classification criteria are not met

12 Ecological information

| Acute aquatic toxicity

Acute aquatic toxicity	No information available
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| Chronic aquatic toxicity

Chronic aquatic toxicity	No information available
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| Persistence and degradability

Persistence and degradability	No information available
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| Bioaccumulative potential

Bioaccumulative potential	No information available
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| Mobility in soil

Mobility in soil	No information available
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|Results of PBT and vPvB assessment

Results of PBT and vPvB	Not belonging to PBT and vPvB.
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assessment	
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|Endocrine disrupting properties

Endocrine disrupting properties	This product does not contain substances with endocrine disrupting properties.
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13 Disposal considerations

|Disposal considerations

Waste chemicals	Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal.
Contaminated packaging	After emptying the packaging, it should be kept away from heat and fire sources. If possible, it should be returned to the supplier for recycling.
Disposal recommendations	Refer to section waste chemicals and contaminated packaging.

14 Transport information

| Label and Mark

Transporting Label	Not applicable
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| IMDG-CODE

IMDG-CODE	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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| IATA-DGR

IATA-DGR	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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| UN-ADR

UN-ADR	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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15 Regulatory information

| International chemical inventory

Component	EINECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AHC	ENCS
POLY(1,4-CYCLOHEXANEDIMETHYLENE TERE-PHTHALATE- CO-ETHYLENE TEREPHTHALATE)	×	√	√	√	√	√	√	√	√
Poly(ethylene terephthalate)	×	√	√	√	√	√	√	√	√
Additive	×	×	×	×	×	×	×	×	×

- [EINECS] European Inventory of Existing Commercial Chemical Substances
- [TSCA] United States Toxic Substances Control Act Inventory
- [DSL] Canadian Domestic Substances List
- [IECSC] China Inventory of Existing Chemical Substances
- [NZIoC] New Zealand Inventory of Chemicals
- [PICCS] Philippines Inventory of Chemicals and Chemical Substances

[KECI]	Korea Existing Chemicals Inventory
[AIIC]	Australia. Inventory of Industrial Chemicals (AIIC)
[ENCS]	Japan Inventory of Existing & New Chemical Substances

European chemical inventory

Component	A	B	C	D	E	F	G
POLY(1,4-CYCLOHEXANEDIMETHYLENE TERE-PHTHALATE- CO-ETHYLENE TEREPHTHALATE)	×	×	×	×	×	×	×
Poly(ethylene terephthalate)	×	×	×	×	×	×	×
Additive	×	×	×	×	×	×	×

- [A] Candidate list of Substances of Very High Concern for authorization under EU REACH regulation
[B] Substances requiring authorisation under EU REACH regulation
[C] Substances restricted under EU REACH
[D] Pre-registered substances under EU REACH
[E] Registered substances under EU REACH
[F] Substance Evaluation – CoRAP under EU REACH
[G] List of priority substances under EU water policy (Directive 2455/2001/EC)

Note:

- √: Indicates that the substance included in the regulations.
×: No data or not included in the regulations.

16 Other information

Information on revision

Creation Date	2025/03/24
Revision Date	2025/03/24
Reason for revision	-

Reference

- [1] IPCS: The International Chemical Safety Cards (ICSC), website: <http://www.ilo.org/dyn/icsc/showcard.home>.
- [2] IARC, website: <http://www.iarc.fr/>.
- [3] OECD: The Global Portal to Information on Chemical Substances, website: <https://www.echemportal.org/echemportal/substancesearch/index.action>.
- [4] CAMEO Chemicals, website: <http://cameochemicals.noaa.gov/search/simple>.
- [5] NLM: ChemIDplus, website: <http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp>.
- [6] EPA: Integrated Risk Information System, website: <http://cfpub.epa.gov/iris/>.
- [7] U.S. Department of Transportation: ERG, website: <http://www.phmsa.dot.gov/hazmat/library/erg>.
- [8] Germany GESTIS-database on hazard substance, website: <http://gestis-en.itrust.de/>.

Abbreviations and acronyms

CAS	Chemical Abstracts Service	UN	The United Nations
PC-STEL	Short term exposure limit	OECD	Organization for Economic Co-operation and Development
PC-TWA	Time Weighted Average	IMDG	International Maritime Dangerous Goods
MAC	Maximum Allowable Concentration	IARC	International Agency for Research on Cancer
DNEL	Derived No Effect Level	ICAO	International Civil Aviation Organization

PNEC	Predicted No Effect Concentration	IATA	International Air Transportation Association
NOEC	No Observed Effect Concentration	ACGIH	American Conference of Governmental Industrial Hygienists
LC ₅₀	Lethal Concentration 50%	NFPA	National Fire Protection Association
LD ₅₀	Lethal Dose 50%	NTP	National Toxicology Program
EC ₅₀	Effective Concentration 50%	PBT	Persistent, Bioaccumulative, Toxic
EC _x	Effective Concentration X%	vPvB	very Persistent, very Bioaccumulative
Pow	Partition coefficient Octanol: Water	CMR	Carcinogens, mutagens or substances toxic to reproduction
BCF	Bioconcentration factor	RPE	Respiratory Protective Equipment
ED	Endocrine disruptor		

| Disclaimer

This Safety Data Sheet (SDS) was prepared according to REACH Regulation The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

| Further information:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product. The information of section 3 and section 9 is provided by the company listed in section 1 . Other information is from authoritative database and expert assessment.

Remark: This testing report add "Model " based on the original report of No A2250167400101. This testing report replaces the original one which was invalid since the date of this testing report was released.

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