



SDS Service Summary

No.: CANEC25019618101

Date: 21 Aug 2025

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SGS Job No. : SZP25-041213
Product Name : ANYCUBIC / PLA Galaxy Filament
Client Ref. Info. : Various colours
Manufacturer / Supplier : SHENZHEN ANYCUBIC TECHNOLOGY CO.,LTD
Country of Origin : China
Composition/Ingredient of product (as per applicant submission) : See *section 3 Composition/information on ingredients* on the SDS
Job Receiving Date : 11 Aug 2025
SDS Preparation Period : 11 Aug 2025-18 Aug 2025

Service Requested : Preparation of Safety Data Sheet (SDS) for the product with submitted information, with calculation of the classification and labeling requirement according to the submitted composition and European Commission Regulation (EC) No 1272/2008.

Summary : As per request, the contents and formats of the SDS are prepared in accordance with European Commission Regulation (EC) No 1907/2006, Regulation (EC) No 1272/2008 and Regulation (EU) No 2020/878, and is provided per attached.

Disclaimer

This Safety Data Sheet (SDS) is provided to applicant to fulfill European Commission Regulation (EC) No 1907/2006 and communicate the hazard information of chemicals through the supply chain to ensure safe use. It is not a test report or a certificate ensuring the safety of a product. SGS has consolidated product information based on documents provided by Applicant (i.e. product name, the supplier details, product composition, available physical data, etc.) without independent verification from SGS. The information is provided without any warranty, express or implied, regarding its correctness.

Jany Zhong

Jany Zhong
Project Engineer



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No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com

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Safety data sheet

Regulation (EC) 1907/2006 and 1272/2008

Printing date: 18.08.2025

Version number: 1.0

Revision date: 15.08.2025

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

· 1.1 Product identifier

- Trade name: **ANYCUBIC / PLA Galaxy Filament**
- UFI: K370-A0YF-A005-YTG5

- 1.2 Relevant identified uses of the substance or mixture and uses advised against
- Application of the substance / the mixture: Material for 3D printing

· 1.3 Details of the supplier of the safety data sheet

- Manufacturer / Supplier: SHENZHEN ANYCUBIC TECHNOLOGY CO.,LTD
- Full address:
ROOM 101-501, BUILDING NO.11, YINHAI INDUSTRIAL PARK, YINHE COMMUNITY, YUANSAN STREET, LONGGANG DISTRICT, SHENZHEN, GUANGDONG PROVICE, CHINA 518000
- Phone number: 15017071586
- Email: erichu@anycubic.com

· Only Representative / other EU contact point:

Ruoyu Zhang / Lienco SAS
8 Rue Marcel Cerdan, 77600, Bussy Saint Georges, France
Tel: 0033766929910
Email: contact@lienco.eu

· 1.4 Emergency telephone number:

FRANCE
Anti-poison center ORFILA (INRS)
Tel: +33 (0)1 45 42 59 59

Eric Hu 15017071586

- 1.5 Reference Number: CANEC25019618101,SZP25-041213

· 1.6 Remark:

This product is likely to be classified as article with substances not intended to be released and is out of scope of a SDS as set out in Regulation (EC) No 1907/2006. This SDS is generated for applicant's reference only.

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008



GHS08 health hazard

Carc. 1B H350i May cause cancer by inhalation.



GHS07

Skin Sens. 1 H317 May cause an allergic skin reaction.

- Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of Regulation (EC) No.1272/2008.

- Classification system:

The classification is according to the latest edition of EU Regulation (EC) No. 1272/2008, and extended by company and literature data.

· 2.2 Label elements

- Labelling according to Regulation (EC) No. 1272/2008

The product is classified and labelled according to the CLP regulation.

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· Hazard pictograms

GHS07 GHS08

· Signal word *Danger***· Hazard-determining components of labelling:***Methyl methacrylate-butadiene-styrene polymer**Glass, oxide, chemicals***· Hazard statements***H317 May cause an allergic skin reaction.**H350i May cause cancer by inhalation.***· Precautionary statements***P101 If medical advice is needed, have product container or label at hand.**P102 Keep out of reach of children.**P103 Read carefully and follow all instructions.**P261 Avoid breathing dust/fume/gas/mist/vapours/spray.**P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.**P308+P313 IF exposed or concerned: Get medical advice/attention.**P333+P313 If skin irritation or rash occurs: Get medical advice/attention.**P405 Store locked up.**P501 Dispose of contents/container in accordance with local/regional/national/international regulations.***· Additional information:***Restricted to professional users.***· 2.3 Other hazards:****· Results of PBT and vPvB assessment****· PBT:** *Not applicable***· vPvB:** *Not applicable***· Determination of endocrine-disrupting properties** *Not applicable*

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures**· Description:***Mixture of the substances listed below with nonhazardous additions.**For the wording of the listed hazard statements refer to section 16.***· Composition:**

CAS: 26023-30-3	Poly(lactic acid)	>94%
CAS: 25053-09-2	Methyl methacrylate-butadiene-styrene polymer	<5%
	⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	
CAS: 65997-17-3	Glass, oxide, chemicals	<1%
EINECS: 266-046-0	⚠ Carc. 1B, H350i	
	Note: A, R	

SECTION 4: First aid measures

· 4.1 Description of first aid measures**· General description:** *Immediately remove any clothing soiled by the product.***· After inhalation:***Supply fresh air and to be sure call for a doctor.*

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In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

· **After eye contact:** Rinse opened eye for several minutes under running water.

· **After swallowing:** If symptoms persist consult doctor.

· **4.2 Most important symptoms and effects, both acute and delayed:**

No further relevant information available.

· **4.3 Indication of any immediate medical attention and special treatment needed:**

No further relevant information available.

SECTION 5: Firefighting measures

· **5.1 Extinguishing media**

· **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.

· **5.2 Special hazards arising from the substance or mixture:** No further relevant information available.

· **5.3 Advice for firefighters**

· **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures:** Not required.

· **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

· **6.3 Methods and material for containment and cleaning up:**

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

· **6.4 Reference to other sections:**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

· **7.1 Precautions for safe handling:**

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

For the general occupational hygienic measures refer to Section 8.

· **Information about fire - and explosion protection:** Keep respiratory protective device available.

· **7.2 Conditions for safe storage, including any incompatibilities**

· **Requirements to be met by storerooms and receptacles:** No special requirements.

· **Information about storage in one common storage facility:** Store away from foodstuffs.

· **Further information about storage conditions:** Keep container tightly sealed.

· **7.3 Specific end use(s):** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **DNELs:** Not available

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- **PNECs:** Not available
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure.
- **Appropriate engineering controls:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Store protective clothing separately.
See Section 7 for information about design of technical facilities.
- **Individual protection measures, such as personal protective equipment**
- **Respiratory protection:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
- **Hand protection:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

- **Material of gloves:**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material:**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eyeface protection:**



Tightly sealed goggles

- **Body protection:** Protective work clothing
- **Thermal hazards:** Not required for normal conditions of use.
- **Environmental exposure controls:**
Control measures must be made in accordance with Community environmental protection legislation.

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **Physical state:** Solid
- **Colour:** According to product specification
- **Odour:** Odourless
- **Odour threshold:** Not available
- **Melting point/Freezing point:** 155 °C
- **Boiling point or initial boiling point and boiling range:** 125 °C
- **Flammability:** Not available

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· Lower and upper explosion limit	
· Lower:	Not available
· Upper:	Not available
· Flash point:	Not available
· Auto-ignition temperature:	388 °C
· Decomposition temperature:	250 °C
· pH:	Not available
· Viscosity	
· Kinematic viscosity:	Not available
· Dynamic viscosity:	Not available
· Solubility	
· Water:	Insoluble in water
· Partition coefficient n-octanol/water (log value):	Not available
· Vapour pressure:	Not available
· Density and/or relative density	
· Density:	1,221 g/cm ³
· Relative density:	Not available
· Relative vapour density:	Not available
· Particle characteristics:	Not available

· 9.2 Other information

· Appearance:	
· Form:	Solid

· Information with regard to physical hazard classes	
· Explosives:	Not applicable
· Flammable gases:	Not applicable
· Aerosols:	Not applicable
· Oxidising gases:	Not applicable
· Gases under pressure:	Not applicable
· Flammable liquids:	Not applicable
· Flammable solids:	Not applicable
· Self-reactive substances and mixtures:	Not applicable
· Pyrophoric liquids:	Not applicable
· Pyrophoric solids:	Not applicable
· Self-heating substances and mixtures:	Not applicable
· Substances and mixtures, which emit flammable gases in contact with water:	Not applicable
· Oxidising liquids:	Not applicable
· Oxidising solids:	Not applicable
· Organic peroxides:	Not applicable
· Corrosive to metals:	Not applicable
· Desensitised explosives:	Not applicable
· Other safety characteristics:	Not available

SECTION 10: Stability and reactivity

- **10.1 Reactivity:** None under normal use conditions
- **10.2 Chemical stability:** Stable under normal conditions
- **10.3 Possibility of hazardous reactions:**
No hazardous substances produced under normal operating conditions
- **10.4 Conditions to avoid:** Avoid exposure to fire, high temperatures, and direct sunlight
- **10.5 Incompatible materials:** No further relevant information available.

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· **10.6 Hazardous decomposition products:**

Produces irritating toxic smoke, aldehydes, carbon monoxide (CO), and carbon dioxide (CO₂) upon combustion

SECTION 11: Toxicological information

· **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

- **Acute toxicity**
- **LD/LC50 values relevant for classification:** Not available
- **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.
- **Respiratory or skin sensitization:** May cause an allergic skin reaction.
- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- **Carcinogenicity:** May cause cancer by inhalation.
- **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.

· **11.2 Information on other hazards**

· **Endocrine disrupting properties:**

None of the ingredients is listed.

- **Other information:** No further relevant information available.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability:** No further relevant information available.
- **12.3 Bioaccumulative potential:** No further relevant information available.
- **12.4 Mobility in soil:** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable
- **12.6 Endocrine disrupting properties:**
- *The product does not contain substances with endocrine disrupting properties.*
- **12.7 Other adverse effects:** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:**
- *Must not be disposed together with household garbage. Do not allow product to reach sewage system.*
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

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SECTION 14: Transport information

· 14.1 UN number or ID number	
· ADR/RID/ADN, IMDG, IATA	Not applicable
· 14.2 UN proper shipping name	
· ADR/RID/ADN, IMDG, IATA	Not applicable
· 14.3 Transport hazard class(es)	
· ADR/RID/ADN, IMDG, IATA	
· Class	Not applicable
· Label	-
· 14.4 Packing group	
· ADR/RID/ADN, IMDG, IATA	Not applicable
· 14.5 Environmental hazards:	
· Marine pollutant:	No
· 14.6 Special precautions for user:	Not applicable
· Hazard identification number (Kemler code):	-
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable
· 14.8 Transport/Additional information:	Not applicable
· UN "Model Regulation":	Not applicable

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.
- Seveso category Not applicable
- Qualifying quantity (tonnes) for the application of lower-tier requirements Not applicable
- Qualifying quantity (tonnes) for the application of upper-tier requirements Not applicable

· REGULATION (EU) 2019/1021 on persistent organic pollutants (POP)

None of the ingredients is listed.

· Regulation (EU) No 649/2012

None of the ingredients is listed.

· REGULATION (EU) 2019/1148

· Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

· Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

· Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

· Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

· REGULATION (EU) 2024/590 on substances that deplete the ozone layer

None of the ingredients is listed.

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· **Other regulations, limitations and prohibitive regulations**

· **SVHC Candidate List of REACH Regulation Annex XIV Authorisation (25/6/2025)**

None of the ingredients is listed

· **REACH Regulation Annex XVII Restriction (23/6/2025)**

See Section 16 for information about restriction of use.

None of the ingredients is listed

· **REACH Regulation Annex XIV Authorisation List (13/11/2023)**

None of the ingredients is listed

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

· **Recommended restriction of use** Not applicable

· **Relevant hazard statements**

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H350i May cause cancer by inhalation.

· **Classification according to Regulation (EC) No. 1272/2008**

Skin sensitisation	The classification of the mixture is generally based on the calculation method using
Carcinogenicity	substance data according to Regulation (EC) No. 1272/2008.

· *****
The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2020/878.

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· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Carc. 1B: Carcinogenicity – Category 1B

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