SAFETY DATA SHEETS

According to American OSHA Hazard Communication Standard (29 CFR 1910.1200)

Creation Date: Mar. 31, 2026
SDS number: AU8825093011

1. Product and Company Identification

1.1 Product name

Product name Aura3D PETG-GF

1.2 Other means of identification

Product code -

1.3 Recommended use of the chemical and restrictions on use

Identified uses 3D Printing Pellets

Uses advised against no data available

1.4 Details of the supplier of the safety data sheet

Company Shenzhen Aura3D Technology Co.,Ltd
Address 1st Floor, Building 4, No. 131 Huating Road, Shuiwei Community,Dalang Subdistrict, Longhua District, Shenzhen, Guangdong,China
Telephone +86 15618082723

1.5 Emergency phone number

Emergency phone number +86 15814750255
Service hours

2. Hazard identification

2.1 GHS Classification of the chemical in accordance with paragraph (d)(1)(i) of § 1910.1200

Physical hazards not classified as hazardous

Health hazards not classified as hazardous

Environmental hazards not classified as hazardous

2.2 Signal word, hazard statement(s), symbol(s) and precautionary statement(s) in accordance with paragraph (f) of § 1910.1200

Hazard symbol(s) No hazard pictogram

Signal word No signal word

Hazard statement(s) Not applicable

Precautionary Statement(s)

Prevention Response Not applicable

Storage Not applicable

Disposal Not applicable

Other hazards Not available

3. Composition/information on ingredients

3.1 substance/mixture: Article

Chemical name	CAS number	% [weight]	Classification (GHS)
Glass, oxide, chemicals	65997-17-3	10-20	H351
PETG pellet	/	30-50	Non classified

4. First aid measures

4.1 First aid procedures

Following inhalation

None expected to require first aid measures. If breathed in, remove victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical attention.

Following skin contact

None expected to require first aid measures. Wash thoroughly with soap and water. Get medical attention in the unlikely event that irritation persists.

Following eye contact

None expected to require first aid measures. Flush with running water for at least 15 minutes. If irritation persists get medical attention.

Following ingestion

Immediate first aid is not likely to be required. A physician or poison control center can be contacted for advice.

Notes to physician

Treat symptoms.

4.2 Most important symptoms/effects, acute and delayed

The product is not classified as harmful to human health effect.

5. Fire-fighting measures

Flammable properties

Not available

5.1 Suitable (and unsuitable) extinguishing media

Suitable extinguishing media

Use dry chemical, carbon dioxide or alcohol-resistant foam.

Unsuitable extinguishing media

Not available

5.2 Specific hazards arising from the chemical

Hazardous combustion products

carbon oxides

5.3 Special protective equipment and precautions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing mist, gas or vapors. Use personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

6.2 Methods and materials for containment and cleaning up

Sweep up and shovel into suitable containers. Clean up affected area.

6.3 Environmental precautions

Keep the chemical in suitable and closed containers for disposal. Avoid disposing into drainage/sewer system or directly into the aquatic environment.

7. Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace. Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

8. Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure limit values

Components	Identification	Type	Occupational Exposure Limit Value
Glass, oxide, chemicals	CAS No.: 65997-17-3	OSHA PEL	TWA: 15 mg/m³ (total) TWA: 5 mg/m³ (resp)
		NIOSH REL	TWA: 5 mg/m³ (total) 3 fibers/cm³ (fibers ≤ 3.5 μm in diameter & ≥ 10 μm in length)

Biological limit values

No biological exposure limits noted for the ingredient(s).

8.2 Appropriate engineering controls

Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Wear safety glasses with side shields or tightly fitting safety goggles if dust is generated.

Skin protection

Wear protective gloves and suitable protective work-wear to minimize skin contact.

Body protection and general hygiene considerations

Wash hands, forearms and face thoroughly after handling chemical products, before eating and smoking.

Respiratory protection

If the exposure limits are exceeded, irritation or other symptoms are experienced, use a full-face respirator.

Thermal hazards

Wear suitable protective work-wear to prevent from thermal hazards.

9. Physical and chemical properties

Physical state	Solid
Color	White
Odor (includes odor threshold)	Odorless
Glass Transition point	Not available
Boiling point (or initial boiling point or boiling range)	Not applicable
Melting point/Freezing point	Not available
Solubility	insoluble
Flammability	Not classified
Lower and upper explosion limit/flammability limit	Not applicable
Flash point	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	Not available
VOC	Not available
Kinematic viscosity	Not applicable
Partition coefficient n-octanol/water	Not applicable

Density and/or relative density	1.3g/cm3
Relative vapor density	Not applicable
Particle characteristics	Not available

10. Chemical stability and reactivity

10.1 Reactivity
The product is stable under normal conditions of use, storage and transport.

10.2 Chemical stability
Stable under normal conditions.

10.3 Possibility of hazardous reactions, including those associated with foreseeable emergencies
No dangerous reactions known under normal conditions of use.

10.4 Conditions to avoid
Incompatible materials.

10.5 Incompatible materials
Strong acids. Strong bases. Strong oxidizing agents.

10.6 Hazardous decomposition products
Carbon oxides (CO, CO2)

11. Toxicological information

11.1 Toxicokinetics, metabolism and distribution:
Non-human toxicological data: Not available

11.2 Information on toxicological effects:
Acute toxicity:

L50 (Oral, Rat) :	Not available
L50 (Dermal, Rat) :	Not available
L50 (Inhalation, Rat) :	Not available
Skin corrosion/Irritation:	Not classified
Serious eye damage/irritation:	Not classified
Respiratory or skin sensitization:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
STOT- single exposure:	Not classified
STOT-repeated exposure:	Not classified
Aspiration hazard:	Not classified

Additional information:

Hazardous ingredients are encapsulated within the solid polymer matrix; no inhalation or dermal exposure is anticipated under recommended use conditions. Consequently, the mixture does not meet the GHS criteria for health hazard classification.

12. Ecological information

12.1 Ecotoxicity

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	N/A	96h	Fish	OECD 203	N/A	N/A
EC50	N/A	48h	Daphnia	OECD 202	N/A	N/A
EC50	N/A	72h	Algae	OECD 201	N/A	N/A

The product is not considered harmful to aquatic organisms nor to cause long-term adverse efects in the environment.

Persistence and degradability	no data available
Bioaccumulative potential	no data available
Mobility in soil	no data available
Results of PBT&vPvB assessment:	no data available
Other adverse effects	no data available

13. Disposal considerations

13.1 Disposal methods

Product

Dispose of contents/containers in accordance with local regualtions. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.

Contaminated packaging

Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT

Basic shipping requirements:

UN number	Not regulated
Proper shipping name	Not regulated
Hazard class	Not regulated
Packing group	Not regulated
Environmental hazards	No

IATA

UN number	Not regulated
UN proper shipping name	Not regulated
Transport hazard class(es)	Not regulated
Packing group	Not regulated
Environmental hazards	No

IMDG

UN number	Not regulated
UN proper shipping name	Not regulated
Transport hazard class(es)	Not regulated
Packing group	Not regulated
Environmental hazards	No

15. Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

US federal regulations

Toxic Substances Control Act (TSCA)

TSCA Section 8(b) Chemical Substance Inventory

Listed or exempt from listing.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical

Not listed.

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA)

Not regulated.

California Prop. 65 Components

Not listed.

16. Other information

Information on revision

Creation Date Mar. 31, 2026

Abbreviations and acronyms

CAS	Chemical Abstracts Service
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
RID	Regulation concerning the International Carriage of Dangerous Goods by Rail
IMDG	International Maritime Dangerous Goods
IATA	International Air Transportation Association
TWA	Time Weighted Average
STEL	Short term exposure limit
LC50	Lethal Concentration 50%
LD50	Lethal Dose 50%
EC50	Effective Concentration 50%
H351	Suspected of causing cancer

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