



MSDS Report

Report No : TST202104Q2617-3RR

Date: Apr.23, 2021

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Section 1 - Product and Company Identification

Applicant/

: Shenzhen Eryone Technology Co.,Ltd.

Manufacturer

Address

: 201,Building B, Hongwan Industrial Zone, Gushu Community, Xixiang St.,
Bao'an Dist.,Shenzhen China

Sample Name

: Filament for 3D Printer

Trade Mark

: Eryone

Sample Model

: PLA (Standard PLA01-30, flavor series 01-16, marble 01-10,
Galaxy 01-20, silk 01-30, Glow In the Dark 01-10, matte 01-20, rainbow 01-20,
metal 01-10, Wood 01-10,Carbon fiber 01-10)

Signed for and on behalf of



Andy Zheng

Technical Director

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Section 2 – Composition/Information on Ingredients

Ingredient Name:

The difference between the single product and mixture: mixture

Constitutes:

Chemical Formula	CAS No.	Content/%
PLA	31852-84-3	89.8
Toner	--	0.2
Toughener	--	10

Section 3 - Hazards Identification information

Health Hazards (Acute & Chronic):

Powder can activate our nose and fauces, lead to chogh and sore throat

Environment's effect: None

Special harm: None

Main symptoms: None

Classification of substance: None

Section 4 - First Aid Measures

First Aid:

Eyes: Not applicable

Skin: Not applicable

Inhalation: Not applicable

Ingestion: Not applicable

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Section 5 - Fire Fighting Measures

Hazardous Characteristics: Encounter flame can burn, And antioxidant can happen reaction. By the high thermal decomposition emit poisonous gases.

Hazardous Combustion Products: Carbon monoxide, Carbon dioxide, Nitrogen oxides.

Extinguishing method: Water spray cooling container, moved the container to the empty place if possible.

Extinguisher: Bubble, carbon dioxide, dry powder, sandy soil.

Section 6 - Accidental Release Measures

Product is a solid, no leakage.

Section 7 - Handling and Storage

- Newly type gas mask (comprehensive mask), wearing protective clothing, wear rubber gloves.
- From direct sunlight, heat and workplace forbids smoking.
- Use explosion-proof type ventilation systems and equipment.
- Prevent steam leakage into the workplace atmosphere.
- Avoid contact with antioxidants. Handling want light light, prevent packaging and container unloading damage.
- Equipped with corresponding varieties and number of fire equipment and leakage emergency treatment equipment.
- Empty containers may remain pests.

Precautions to be taken in handling and storing

- Stored in a cool, well-ventilated area.
- Far from fire, heat source.
- Keep out of reach of children & pets.
- With oxidant, edible chemicals should be stored apart, avoid by all means is mixed storage.

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- Equipped with corresponding varieties and number of fire equipment.
- Storage areas shall be equipped with emergency treatment equipment and appropriate leakage of asylum materials.
- Extremely toxic substances shall strictly carry out the "five pairs of" management system.

Section 8 - Exposure Controls & Personal Protection

Respiratory Protection:

The higher concentration in the air when filter brand-newly type gas mask, wearing a mask (half).

Ventilation: Not necessary under conditions of normal use.

Protective Gloves: Wear rubber gloves.

Other Protective Clothing or Equipment:

- Wearing protective clothing.
- Maintain good health habits.

Section 9-Physical and Chemical Properties

Appearance and properties: soild

Color: Standard PLA01-30, flavor series 01-16, marble 01-10,
Galaxy 01-20, silk 01-30, Glow In the Dark 01-10, matte 01-20, rainbow 01-20,
metal 01-10, Wood 01-10

PH value: No Material

Boiling point (°C): No Material

Decomposition temperature (°C): No Material

The relative density (water = 1): inapplicable

Relative steam density (air = 1): No Material

Density: No Material

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Burning hot (kJ/mol): No Material

The critical temperature (°C): No Material

Critical pressure (MPa): No Material

Section 10 - Stability & Reactivity Data

Chemical Stability: Stable.

Conditions to Avoid: high temperature, burning.

Material for avoiding: Some substance after oxidation, acerbity, H₂O₂.

Hazardous Decomposition Products: N/A

Hazardous Polymerization: N/A

Section 11 - Toxicological Information

Toxicological Information: N/A

Excitant: Slightly

Primary irritant effect

- On the skin: No irritant effect.
- On the eye: No irritating effect.
- Sensitization: No sensitizing effects known.

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

Toxicokinetics, metabolism and distribution: No further relevant information available

Acute effects (acute toxicity, irritation and corrosivity): No further relevant information available

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Section 12 - Ecological Information

Ecological Information:

No materials.

Results of PBT and vPvB assessment

- PBT: Not applicable.
- vPvB: Not applicable.
- Other adverse effects: No further relevant information available.

Section 13 - Disposal Considerations

Waste treatment methods

1. To process to others products
2. Local agency to understand correlative procedure.

Section 14 - Transport Information

Packaging methods: N/D

Transport Fashion: By air, by sea, by railway, by road.

Attention: Gentle with, prevent collision drag and dump, Avoid exposure. Following the issues as above mentioned and rule of Lead free.

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Section 15 - Regulatory Information

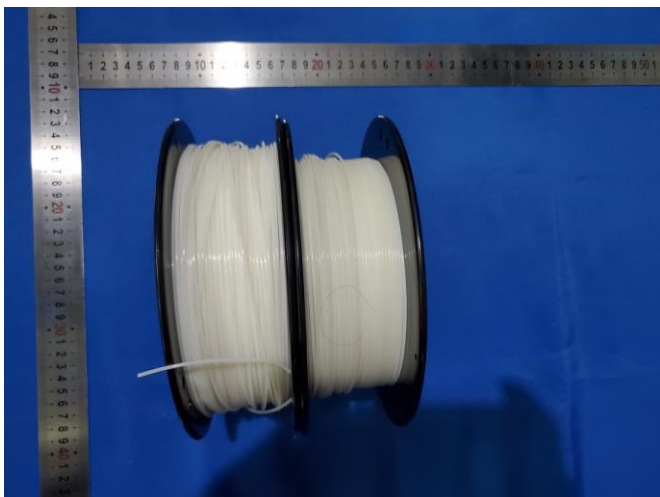
Work safety and sanitation law, the rule of lead free, Waste clear's rule

Section 16 - Other Information

Other Information: the above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the result of its use, this information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

TST confirmed the ninth item, the above content as reference information only. Please the user according to the demand to judge it usability. TST has no any responsibility.

Sample Photo:



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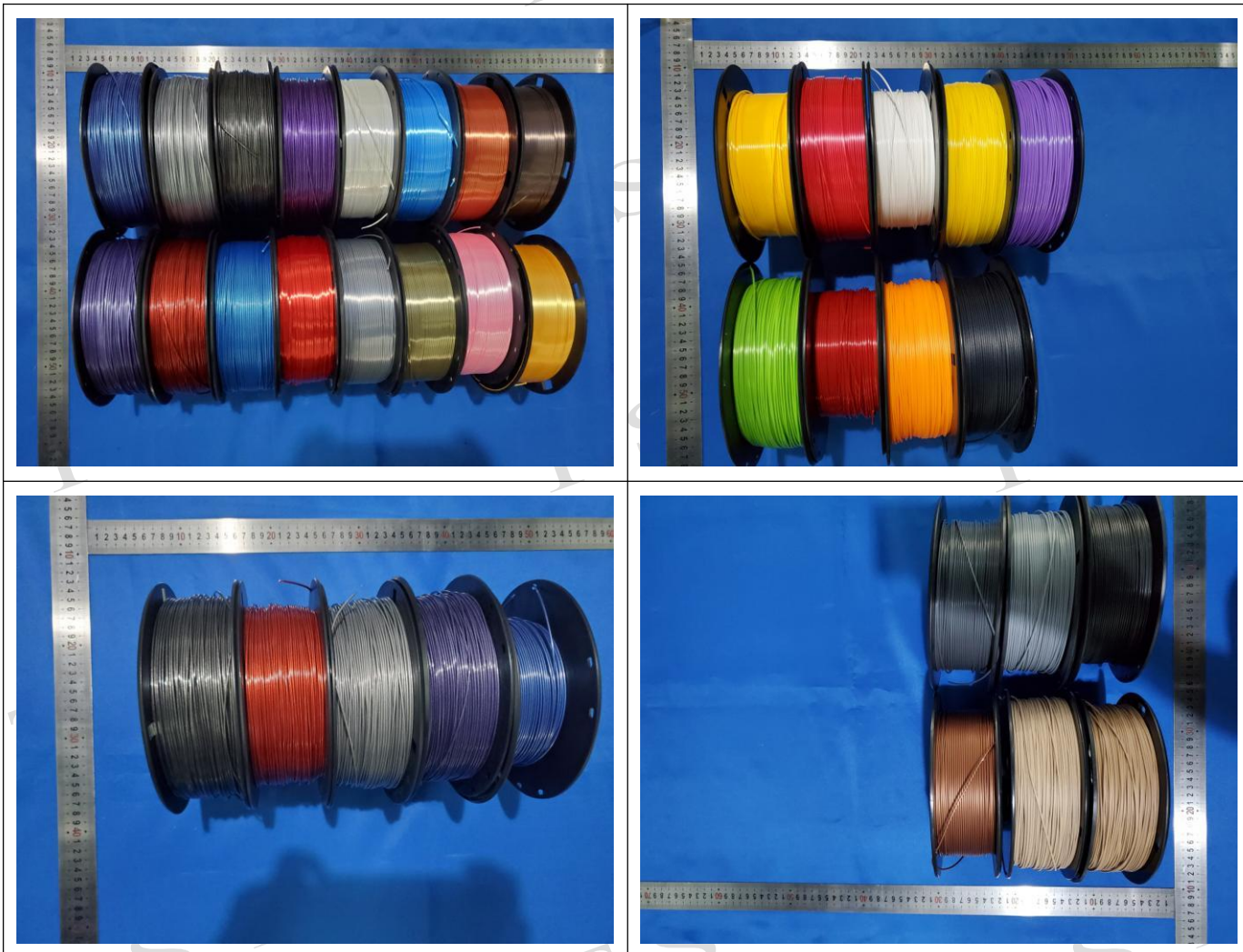


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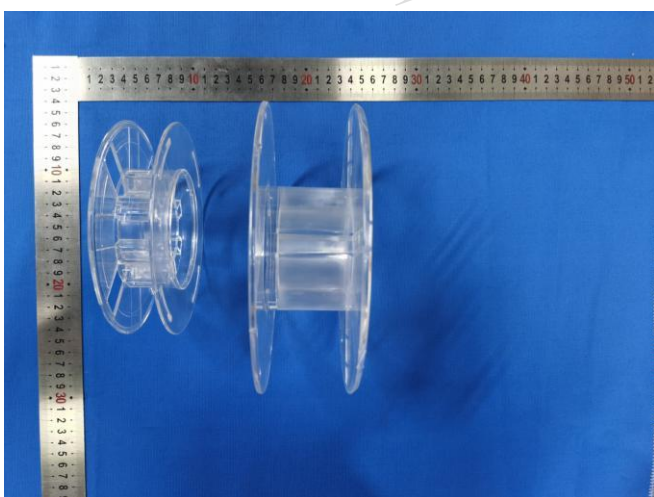
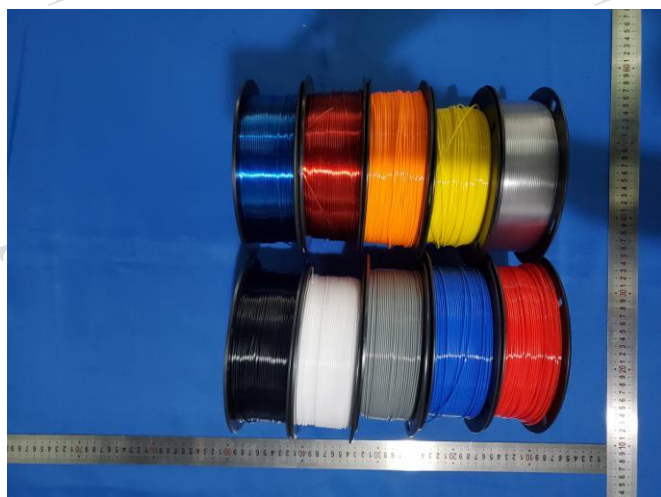
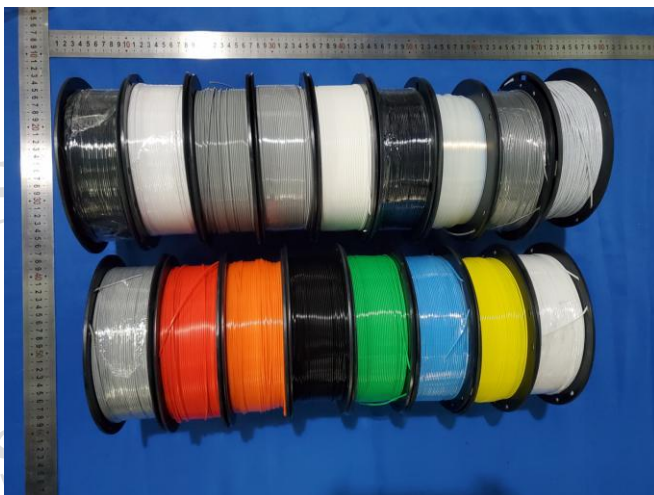
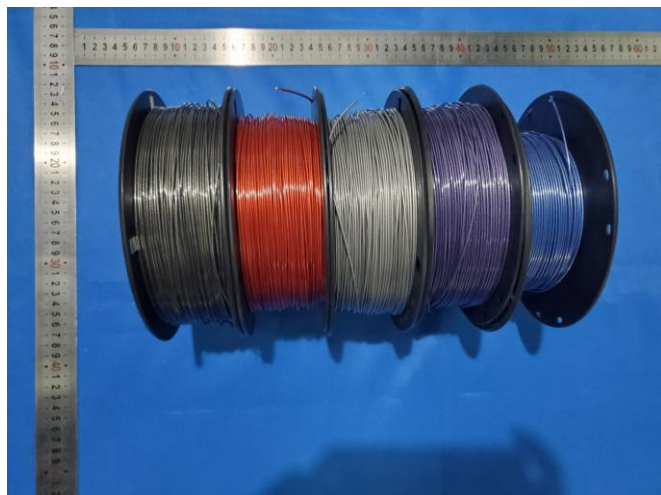


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*** End of Report ***

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