

SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006, Annex II,
Amended by COMMISSION REGULATION (EU) 2015/830,
According to REGULATION (EC) No 1272/2008

Product name: CR-PETG 3D Filament

Revision Date: 2021.6.30

Issue date: 2021.8.30

SDS Number: CXSW3D05001

Version: 1.0

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

Product identifier

Product name: CR-PETG 3D Filament

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

Identified uses: 3D Printing Filament

Uses advised against: Not available

Details of the supplier of the safety data sheet:

Supplier(Manufacturer): Shenzhen Creality 3D Technology Co., Ltd

Address: 18F,JinXiuHongDu Building, Meilong Blvd.,Longhua Dist., Shenzhen, China 518131

E-mail: info@creality.com

Telephone: +86 755-8523 4565

Section 2 Hazards Identification

Classification of the substance or mixture:

According to REGULATION (EC) No 1272/2008, based on available data, the classification criteria are not met:

REGULATION (EC) No 1272/2008	
Hazard classes/Hazard categories	Hazard codes
N/A	N/A

label elements:

Hazard Pictograms: No hazard pictogram is used.

Signal Word(S): No signal word is used.

Hazard Statement: Not applicable.

Precautionary statement: Not applicable.

Section 3 Composition/information on ingredients

Ingredient Name	CAS No.	Content (%)
PETG	25038-91-9	>99%

Section 4 First aid measures

In case of inhalation: Remove to fresh air. Get medical attention for any breathing difficulty.

In case of skin contact: Wash off with soap and plenty of water

In case of eyes contact: Immediately flush eyes with plenty of water, lifting upper and lower eyelids occasionally. Get medical attention if irritation persists.

In case of ingestion: If large amounts were swallowed, get medical advice.

Most important symptoms and effects, both acute and delayed:

The product is not classified as harmful to human health effect

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Indication of any immediate medical attention and special treatment needed:

If skin irritation or rash occurs, get medical advice/attention.

Section 5 Firefighting measures

Extinguishing media:

Suitable extinguishing media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media:

Not available.

Special hazards arising from the substance or mixture:

No specific fire or explosion hazard

Advice for firefighters:

Wear self contained breathing apparatus for fire fighting if necessary.

Section 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Avoid dust formation.

For emergency responders:

Wear an appropriate NIOSH/MSHA approved respirator if dust is generated.

Environmental Precautions:

Do not let large amount of product enter drains.

Methods and material for Containment and Cleaning up:

Sweep up and shovel. Keep in suitable, closed and properly labelled containers for disposal.

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 information on disposal.

Section 7 Handling and storage

Precautions for safe handling:

Protective measures:

Provide appropriate exhaust ventilation at places where dust is formed.

Advice on general occupational hygiene:

Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

Conditions for safe storage, including any incompatibilities:

Keep container closed in a cool, dry place.

Specific end use(s):

Not applicable.

Section 8 Exposure Controls/Personal Protection

Control parameters:

Occupational exposure limits:

Not available.

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Additional exposure limits under the conditions of use:

Not available.

DNEL/DMEL and PNEC-Values:

Not available.

Exposure controls:

Appropriate engineering controls:

Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Individual protection measures, such as personal protective equipment:

Eye/face protection:

Safety goggles.

Hand protection:

Wear protective gloves.

Body protection:

Wear protective clothing.

Respiratory protection:

Use with adequate ventilation. In case of insufficient local exhaust ventilation, wear protective mask.

Thermal hazards:

Wear suitable protective clothing to prevent heat.

Environmental exposure controls:

Avoid discharge into the environment. According to local regulations, Federal and official regulations.

Section 9 Physical and chemical properties

Information on basic physical and chemical properties:

Appearance:

Solid

Odour:

Odorlessness

pH:

Not available

Melting point/range (°C):

220°C

Boiling point/range (°C):

Not available

Flash point (°C):

Not available

Evaporation rate:

Not available

Flammability limit - lower (%):

Not available

Flammability (solid, gas):

Not available

Ignition temperature (°C):

Not available

Upper/lower explosive limits:

Not available

Vapour pressure (20°C):

Not available

Vapour density:

Not available

Relative Density:

1.20

Bulk density (kg/m³):

Not available

Water solubility (g/l):

Insoluble in water

n-Octanol/Water (log Po/w):

Not available

Auto-ignition temperature:

Not available

Decomposition temperature:

Not available

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Viscosity, dynamic (mPa.s): Not available

Explosive properties: Not available

Oxidising properties: Not available

Molecular Formula: Not available

Molecular Weight: Not available

Other information:

Fat solubility(solvent-oil to be specified) etc: Not available

Surface tension: Not available

Dissociation constant in water(pKa): Not available

Oxidation-reduction Potential: Not available

Section 10 Stability and reactivity

Reactivity: The substance is stable under normal storage and handling conditions.

Chemical stability: Stable at room temperature in closed containers under normal storage and handling conditions.

Possibility of hazardous reactions: No dangerous reactions known.

Conditions to avoid: Incompatible materials.

Incompatible materials: Strong oxidizing agents

Hazardous decomposition products: Carbon oxides.

Section 11 Toxicological information

Information on toxicological effects:

Acute toxicity: LD50(Oral, Rat): Not available

LD50(Dermal, Rabbit): Not available

LC50(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

Section 12 Ecological information

Toxicity:

Acute (short-term) toxicity:

LC50(96h, Fish): Not available.

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EC50(48h, Crustacea):	Not available.
EC50(72h, Algae/aquatic plants):	Not available
Chronic (long-term) toxicity:	
NOEC(Fish):	Not available.
NOEC(Crustacea):	Not available.
EC50(Algae/aquatic plants):	Not available.
Persistence and degradability:	Not available.
Bioaccumulative potential:	Not available.
Mobility in soil:	Not available.
Results of PBT and vPvB assessment:	Not available.
Other adverse effects:	Not available.

Section 13 Disposal considerations

Waste treatment methods: Any disposal practice must be in compliance with all local and national laws and regulations. Do not dump into any sewers, on the ground, or into any body of water.

Section 14 Transport information

Labels Required

Marine Pollutant: NO
Not Regulated For Transport Of Dangerous Goods: ADR, IATA, IMDG,ADN

Section 15 Regulatory Information

Regulations: The product needs to follow local regulations.

Section 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.