

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: [3D Universe PETG Filament](#)
SYNONYMS: 3D Universe PETG 3D Printing Filament
MANUFACTURER: Toner Plastics, Inc.
ADDRESS: 35 Industrial Drive
East Longmeadow, MA 01001
EMERGENCY PHONE: 413-525-2369
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HOMEPAGE: www.tonerplastics.com
CONTACTS: Michael Reed - Manufacturing Engineer mr@tonerplastics.com

SECTION 2: HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW:**

This product is not classified according to 29 CFR 1910.1200 Hazard Communication Standard 2012.

POTENTIAL HEALTH EFFECTS:

EYES: None
SKIN: None
INGESTION: None
INHALATION: None

CHRONIC HEALTH HAZARDS: See section 11 for more information.

OTHER HAZARDS: Dust that may be generated from processing or other means may become combustible.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NO.	%WT
Neopentylglycol-ethyleneglycol terephthalate copolymer	026780-49-4	100%

NOTES: Particulates may be generated that are Not Otherwise Classifiable (PNOC). OSHA and/or ACGIH guidelines should be followed for PNOC.

OSHA: 10mg/m³(Total Dust), 5mg/m³ (Respirable Fraction)

ACGIH: 10mg/m³ (Inhalable Particulates), 5mg/m³ (Respirable Particulates)

SECTION 4: FIRST AID MEASURES

EYE CONTACT: In case of contact immediately flush eyes with plenty of water for 15 minutes. If contact with molten material occurs seek medical attention immediately. If contact with non-molten material occurs, consult a physician.

SAFETY DATA SHEET

SKIN CONTACT:	The compound is not likely to be hazardous by skin contact, but cleansing the skin after use is advisable. If molten material gets on skin, cool rapidly with cold water. Do not attempt to remove material from skin. Obtain medical treatment for thermal burn.
INGESTION:	Ingestion is not an expected route of exposure during normal use of the product. If ingested, consult a physician
INHALATION:	No specific intervention as indicated, as the compound it not likely to be hazardous by inhalation. However, if exposed to gases, vapors, or fumes from overheating or combustion, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician if necessary.
NOTES TO PHYSICIANS:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

SECTION 5: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Foam, Water, Carbon Dioxide (CO₂), Dry Chemical

SPECIAL PROTECTIVE EQUIPMENT: Wear self-contained breathing apparatus (SCBA), protective clothing and headgear to prevent contact with skin and eyes.

SPECIAL HAZARDS: Products may form explosive dust-air mixtures if high concentrations of product dust is suspended in air.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Use personal protective equipment. Sweep up to prevent slipping. Avoid dust formation and all sources of ignition.

ENVIRONMENTAL PRECAUTIONS: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution.

METHODS FOR CLEANING UP: Vacuum or sweep up material and place in container for recycling or disposal. Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentrations. Avoid dispersal of dust in the air. Non-sparking tools should be used.

SECTION 7: HANDLING AND STORAGE

SAFE HANDLING: Avoid contact with skin and eyes. Use personal protective equipment to protect against the possibility of contact with molten material. Avoid dust formation. Avoid overheating.

STORAGE: Store in a cool, dry, well-ventilated area, away from flame, ignition sources, direct sunlight, or incompatible materials. Maintain good housekeeping to control dust accumulations.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:	Good general ventilation should be used. Provide for appropriate exhaust ventilation and dust collection at machinery. Provide exhaust ventilation at places where dust is formed.
RESPIRATORY PROTECTION:	Not required under normal conditions of use. Where airborne concentrations are expected to exceed exposure limits, a NIOSH approved respirator should be selected based on the form and concentration of the contaminant in the air and in accordance with OSHA Respiratory Protection Standard (29 CFR 1910.134).
EYE PROTECTION:	Not required under normal conditions. Safety eyewear should be used when there is the likelihood of exposure.
SKIN PROTECTION:	If there is potential for contact with molten material, wear heat resistant impervious clothing and footwear. Special protective clothing is not needed.
WORK HYGIENIC PRACTICES:	Wash hands before eating and at the end of working periods.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Cord.
ODOR:	Slight.
PHYSICAL STATE:	Solid.
PH:	Not available.
DENSITY:	1.29
DECOMPOSITION TEMP:	Not available.
MELTING POINT/RANGE:	Not available.
AUTOIGNITION TEMP:	Not available.
WATER SOLUBILITY:	Not available.
SOLUBILITY IN OTHER SOLVENTS:	Not available.

SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Stable under normal conditions.
CONDITIONS TO AVOID:	Avoid temperatures above the decomposition temperature (330°C).
MATERIALS TO AVOID:	Oxidizing agents.

Hazardous decomposition products: Obnoxious and toxic fumes, aldehydes, carbon monoxide, carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

PRINCIPAL ROUTES OF EXPOSURE: Eye contact, skin contact, inhalation, ingestion.

ACUTE, DELAYED AND CHRONIC EFFECTS FROM SHORT AND LONG TERM EXPOSURE:

Animal testing indicates:

- No carcinogenic, mutagenic, developmental or reproductive effects.
- No adverse effects from short exposures by inhalation or ingestion.

SAFETY DATA SHEET

NUMERICAL MEASURE OF TOXICITY: Oral Approximate Lethal Dose (ALD): >10,000 mg/kg in rats

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY EFFECTS: Acute L50 values for aquatic species is expected to be >100mg/L and >10mg/L for chronic toxicity.

PERSISTANCE AND DEGRADABILITY: Not readily biodegradable.

BIOACCUMULATION: Not expected.

MOBILITY: No data.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Can be landfilled or incinerated when in compliance with local regulations.

SECTION 14: TRANSPORT INFORMATION

NOTES: Not regulated by the US Department of Transportation.

SECTION 15: REGULATORY INFORMATION

FEDERAL REGULATIONS:

SARA 313: Not listed.

TSCA Inventory List: Listed.

SECTION 16: OTHER INFORMATION

Disclaimer: The information herein given is in good faith, but no warranty, express or implied, is made. Consult the company for further information.

Notice Regarding Medical Application Restrictions: The company does not recommend any of its products, including samples, for use (A) in any application which is intended for any internal contact with human bodily fluid or body tissues, (B) as a critical component in any medical device that supports or sustains human life, and (C) specifically pregnant women or in any applications designed specifically to promote or interfere with human reproduction.