

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Toner Plastics TPU Filament

**SYNONYMS:** Toner Plastics TPU 3D Printing Filament

**MANUFACTURER:** Toner Plastics, Inc.  
**ADDRESS:** 35 Industrial Drive  
East Longmeadow, MA 01028

**EMERGENCY PHONE:** 413-525-2369  
**OTHER CALLS:** 413-525-2369  
**HOMEPAGE:** [www.tonerplastics.com](http://www.tonerplastics.com)  
**CONTACTS:** Michael Reed - Manufacturing Engineer mr@tonerplastics.com

### SECTION 2: HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW:

This product is not classified (19999/45/EEC)

#### POTENTIAL HEALTH EFFECTS:

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

**CHRONIC HEALTH HAZARDS:** See section 11 for more information.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NO.	%WT	SARA 313 REPORTABLE
No Classified Substances			

### SECTION 4: FIRST AID MEASURES

**EYE CONTACT:** Rinse immediately with water for 15 minutes. Call a physician immediately.  
**SKIN CONTACT:** Not expected to cause irritation. After contact with skin, wash immediately with water. If irritation persists, contact a physician.  
**INGESTION:** Call a physician immediately.  
**INHALATION:** Move to fresh air. Call a physician.  
**NOTES TO PHYSICIANS:** Treat symptomatically.

### SECTION 5: FIRE-FIGHTING MEASURES

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

**SPECIAL PROTECTIVE EQUIPMENT:** Wear self-contained breathing apparatus, MSHA/NIOSH approved full protective gear.

**UNDER FIRE CONDITIONS:** Toxic gases (CO, CO<sub>2</sub>, NO<sub>x</sub>, and HCN) may be formed.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:** Use personal protective equipment. Avoid contact with skin and eyes. Sweep up to prevent slipping.

**ENVIRONMENTAL PRECAUTIONS:** Do not allow material to contaminate ground water.

**METHODS FOR CLEANING UP:** Exercise good housekeeping practices. Collect in suitable containers for disposal.

### 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 place.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>ENGINEERING CONTROLS:</b>	Use local ventilation and good general extraction.
<b>RESPIRATORY PROTECTION:</b>	Use an approved respirator to protect against particulate exposure.
<b>EYE PROTECTION:</b>	Safety glasses with side shields.
<b>SKIN PROTECTION:</b>	Impervious clothing.
<b>WORK HYGIENIC PRACTICES:</b>	Avoid contact with skin, eyes, and clothing.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE:</b>	Cord
<b>ODOR:</b>	Odorless
<b>PHYSICAL STATE:</b>	Solid
<b>PH:</b>	N/A
<b>DECOMPOSITION TEMP:</b>	250°C
<b>MELTING POINT/RANGE:</b>	150°C
<b>WATER SOLUBILITY:</b>	Insoluble
<b>SOLUBILITY IN OTHER SOLVENTS:</b>	Not determined

### SECTION 10: STABILITY AND REACTIVITY

<b>STABILITY:</b>	Stable under normal conditions.
<b>CONDITIONS TO AVOID:</b>	Avoid temperatures above the decomposition temperature (250°C).
<b>MATERIALS TO AVOID:</b>	None noted

**Hazardous decomposition products:** Obnoxious and toxic fumes, hydrogen cyanide, carbon monoxide, carbon dioxide.

### SECTION 11: TOXICOLOGICAL INFORMATION

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

**OTHER HEALTH EFFECTS:** This substance has no evidence of carcinogenic properties. This material has not been shown to have mutagenic properties. This material has not been shown to have teratogenic properties

**LONG TERM TOXICITY:** No data.

**MUTAGENIC EFFECTS:** No data.

**REPRODUCTIVE TOXICITY:** No data.

**CARCINOGENIC EFFECTS:** No data.

**TARGET ORGAN EFFECTS:** No data.

**SKIN:** No data.

**INGESTION:** No data.

### SECTION 12: ECOLOGICAL INFORMATION

**ECOTOXICITY EFFECTS:** This product is not expected to be hazardous to the environment.

**PERSISTENCE AND DEGRADABILITY:** No data.

**BIOACCUMULATION:** No data.

**MOBILITY:** No data.

### SECTION 13: DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** In accordance with local and federal 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: Not 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.