

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: [3D Universe ASA Filament](#)
SYNONYMS: 3D Universe ASA 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
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.

POTENTIAL HEALTH EFFECTS:

EYES: Dust may cause irritation due to mechanical action
SKIN: None.
INGESTION: None.
INHALATION: Dust or fumes may cause respiratory irritation

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
Acrylonitrile-Styrene-Acrylate	26299-47-8	>97%

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: Do not induce vomiting without medical advice. Call a physician immediately.
INHALATION: Move to fresh air. Call a physician.
NOTES TO PHYSICIANS: Treat symptomatically.



SECTION 5: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Use water and extinguishing media appropriate to the surrounding environment.

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

UNDER FIRE CONDIDITONS: Fine dust may ignite.

SECTION 6: ACCIDENTAL RELEASE MEASURES

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

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, well ventilated location.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:	Provide good ventilation. Additional controls are not normally necessary. Local exhaust ventilation may be required during processing.
RESPIRATORY PROTECTION:	If handling at elevated temperatures without proper ventilation, use an approved respirator. If dust is generated, use an approved dust respirator.
EYE PROTECTION:	Safety glasses with side shields.
SKIN PROTECTION:	Impervious clothing.
EXPOSURE GUIDLINES:	Although some of the additives used in this product may have exposure guidelines, these additives are encapsulated in the product and no exposure would be expected under normal conditions.



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Cord.
ODOR:	Weak.
PHYSICAL STATE:	Solid.
PH:	Neutral.
DENSITY:	1.07 g/cm ³
DECOMPOSITION TEMP:	Not available.
MELTING POINT/RANGE:	Not available.
AUTOIGNITION TEMP:	Not available.
WATER SOLUBILITY:	Insoluble.
SOLUBILITY IN OTHER SOLVENTS:	Soluble in THF, Acetone, and other Analogous Solvents.

SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Stable under normal conditions.
CONDITIONS TO AVOID:	Avoid fires and storage conditions above 60°C.
HAZARDOUS DECOMPOSITION PRODUCTS:	Not applicable.
HAZARDOUS POLYMERIZATION:	Not occur.
MATERIALS TO AVOID:	None known.

SECTION 11: TOXICOLOGICAL INFORMATION

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

ACUTE TOXICITY: Lack of data.

LOCAL EFFECTS: Dust may be irritating to eyes, skin, and respiratory system.

SPECIFIC EFFECTS: May cause skin irritation. Fumes may cause respiratory tract irritation.

LONG TERM TOXICITY: Lack of data.

MUTAGENIC EFFECTS: Lack of data.

REPRODUCTIVE TOXICITY: Lack of data.

CARCINOGENIC EFFECTS: Lack of data.

TARGET ORGAN EFFECTS: Lack of data.

SKIN: Lack of data.

INGESTION: Lack of data.



SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY EFFECTS: Not expected to be acutely toxic, but pellets ingested by water fowl or aquatic life may mechanically cause adverse effects.

PERSISTANCE AND DEGRADABILITY: Not readily biodegradable.

BIOACCUMULATION: Not expected.

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:

TSCA Inventory Status: This product complies with the Chemical Substance Inventory requirements of the US EPA TSCA.

CERCLA SECTION 103: Not listed.

SARA SECTION 313: Not listed.

SARA HAZARD CATAGORIES, SARA SECTIONS 311/312:

ACUTE: Not listed.

CHRONIC: Not listed.

FIRE: Not listed.

REACTIVE: Not listed.

SUDDEN RELEASE: Not listed.

STATE REGULATIONS:

California Proposition 65: 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.