



Safety Data Sheet

Issued: December 8, 2015

Airwolf 3D Polypropylene 3D Printer Filament

SECTION 1, IDENTIFICATION

Product Part Number: F31203
Manufacturer: Wolf & Associates, Inc. DBA Airwolf 3D
Address: 11208 Young River Avenue, Fountain Valley, CA 92708
Phone Number: +1 949-478-2933
Recommended Use: 3D printing
Restrictions on Use: Intended for use with 3D printers.

SECTION 2, COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name or generic name: Polypropylene

Contents:

No.	Content	CAS Number	Chemical Formula	Content (%)
1	Ethylene-propylene co-polymer	9010-79-1	$(C_2H_4)_m \cdot (C_3H_6)_n$	100%

SECTION 3, HAZARD IDENTIFICATION



No hazardous ingredients known to company.

SECTION 4, HAZARD IDENTIFICATION

GHS Classification:

Physical Hazards: Classification not applicable

Health Hazards: Classification not applicable

Environmental Hazards: Classification not applicable

GHS Label Elements:

Pictogram or Symbol: Not applicable.

Signal Word: Not Applicable

Hazard Statement: No relevant information.

Precautionary Statement:

Safety Measures: Do not breathe dust/fume/gas/mist.

Response: Get medical attention/advice if you feel unwell.

Storage: Keep away from fire. Store indoors at ambient temperature.

Disposal: Do not dump into sewers, on the ground or into any body of water. Burn in an adequate incinerator or bury in landfill in accordance with applicable local, state, and federal regulations.

SECTION 5, FIRST-AID MEASURES

Ingestion: Not probable due to nature of the product. If a large amount of material is swallowed, consult a physician for medical treatment.

Inhalation: Move to fresh air in case of accidental inhalation of fumes from overheating or combustion. If symptoms persist, call a physician.

Skin: Immediately cool the skin by rinsing with cold water after contact with hot material. Wash off immediately with soap and plenty of water. Consult a physician.

Eyes: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If eye irritation persists, consult a specialist.

Precautions: Processing vapors inhalation may be irritating to the respiratory tract. If symptoms are experienced, remove victim from the source of contamination or move victim to fresh air and obtain medical advice

SECTION 6, FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

All types of fire extinguishing media, including water.

Special Fire-Fighting Procedure:

Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products.

SECTION 7, ACCIDENTAL RELEASE MEASURES

Methods for Cleaning Up:

Sweep up and shovel into suitable containers for disposal.

Personal Precautions:

Wear appropriate protective equipment (gloves, protective mask, apron, goggles, etc.). Collect the residual filament on the floor frequently because strings and small pieces can make floor slippery.

Environmental Precautions:

Do not flush into surface water or sanitary sewer system. Material should not be released into the environment.

SECTION 8, HANDLING AND STORAGE

Handling:

Handle in accordance with good industrial hygiene and safety practices. Provide for appropriate exhaust ventilation and dust collection at machinery. Avoid dust formation. All metal parts of the mixing and processing equipment must be earthed.

Storage:

Store in closed container in a dry and cool area. Keep away from heat sources and sources of ignition.

SECTION 9, EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protection Eye:

Wear safety glasses or chemical goggles for general purpose.

Respiratory:

Wear masks as needed

Gloves:

Necessary for handling melted material.

SECTION 10, PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	String/strand
Color:	Opaque White
Odor:	None or slight
Autoignition Temperature:	> 400C (Estimation)
Melting Temperature:	This product does not exhibit a sharp melting point but softens gradually over a wide range of temperatures.
Solubility:	Insoluble in water
Specific Gravity:	0.88 to 0.91 g/cm ³

SECTION 11, STABILITY AND REACTIVITY

Stability:	Stable under normal storing/handling conditions. The product is stable at ambient temperature. It decomposes at temperature of 300 C and above where carbon hydride and other oxidation products (aldehyde, acid, alcohol etc.) are generated.
Self-Reactivity:	None
Flammability:	None

SECTION 12, TOXICOLOGICAL INFORMATION

Acute Toxicity

Carcinogenicity:	No
NTP:	No
IARC:	No
OSHA:	No

SECTION 13, ECOLOGICAL INFORMATION

Do not flush into surface water or sanitary sewer system. Ecological damages are not known or expected under normal use.

SECTION 14, DISPOSAL CONSIDERATIONS

Recycling is encouraged. Landfill or incinerate in accordance with federal, state and local requirements. Collected processing fume condensates and incinerator ash should be tested to determine waste classification.

SECTION 15, TRANSPORT INFORMATION

Not classified as a dangerous good under transport regulations.

SECTION 16, REGULATORY INFORMATION

Follow all regulations in applicable country, state, or region.

SECTION 17, OTHER INFORMATION

Product Name: Airwolf 3D Polypropylene 3D Printer Filament

Disclaimer: SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE, except that the product shall conform to contracted specifications. No claim of any kind shall be greater in amount than the purchase price of the quantity of product in respect of which damages are claimed. In no event shall Seller be liable for incidental or consequential damages, whether Buyer's claim is based on contract, breach of warranty, negligence or otherwise.
