amt postpro®



FA 326 SAFETY DATA SHEET (US)

Prepared in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

MAY 2026 // V5.0

FA 326
Safety Data Sheet

According to OSHA Hazard Communication Standard (29 CFR 1910.1200)

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

1.1 Product Identifiers
Identification of the substance/mixture and of the company/undertaking

Product Name:	FA 326
Product Number:	700500
Brand:	Additive Manufacturing Technologies
CAS-Number:	920-66-1

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

Identified Uses:	Post-processing of 3D printed polymer parts

1.3 Details of the supplier of the safety data sheet

Company:	AMT Inc., 3161 Eagles Nest Street, Suite 370, Round Rock, TX 78665, USA
Telephone:	+1 737 600 0959
Email Address:	support@amtechnologies.com

1.4 Emergency Contact Number

Telephone:	For Hazardous Materials Incidents (Spill, Leak, Fire, Exposure, or Accident) call CHEMTREC Day or Night: +1 703 527 3887 / 1 800 424 9300, CCN 1025190.

SECTION 2
Hazards Identification

2.1 Classification of the substance or mixture
GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H302 - Acute toxicity, oral (Category 4)
H312 - Acute toxicity, dermal (Category 4)
H332 - Acute toxicity, inhalation (Category 4)
H314 - Skin corrosion (Category 1B)
H361 - Reproductive Toxicity, (Category 2)
H335 - Specific target organ toxicity, single exposure (Category 3)
H373 - Specific target organ toxicity - repeated exposure, (Category 2),
Central nervous system. May cause damage to organs through prolonged or repeated exposure if swallowed.

2.2 Label Elements
Labelling according Regulation OSHA Hazard Communication Standard (29 CFR 1910.1200)

Pictogram:	
Signal Word:	Danger
Hazard Statements:	H302 + H312 + H332 – Harmful if swallowed, in contact with skin or if inhaled H314 – Causes severe skin burns and eye damage H361 – Suspected of damaging fertility or the unborn child H335 – May cause respiratory irritation H373 - May cause damage to organs through prolonged or repeated exposure if swallowed.
Precautionary Statements:	P201 – Obtain Special instructions before use P202 - Do not handle until all safety precautions have been read and understood. P260 - Do not breathe mist or vapors. P280 – Wear protective gloves/ protective clothing/ eye protection/ face protection. P301 + P330 + P331 – IF SWALLOWED: Rinse mouth. Do not induce vomiting P303 + P361 + P353 – IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304 + P340 + P310 – IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison centre/doctor if you feel unwell P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor. P264 Wash skin thoroughly after handling. P308 + P313 IF exposed or concerned: Get medical advice/ attention. P363 Wash contaminated clothing before reuse. P405 Store locked up. P501 Dispose of contents/ container to an approved waste disposal plant. P271 – Use only outdoors or in a well-ventilated area P312 – Call a POISON CENTER/doctor if you feel unwell

2.3 Other Hazards
This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

The substance belongs to the chemical class known of per- and polyfluorinated alkyl substances (PFAS).

SECTION 3
Composition/information on ingredients

3.1 Substances

Synonyms:	HFIP, Hexafluoroisopropanol
Formula:	C3H2F6O
Molecular Weight:	168.04g/mol
CAS-Number:	920-66-1
EC-Number:	213-059-4

Component	Classification	Concentration
1,1,1,3,3,3-Hexafluoropropan-2-ol		
	Acute Tox. 4; Skin Corr. 1B; Repr. 2; STOT SE 3; STOT RE 2; H302, H312, H332, H314, H361, H335, H373	<=100%

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4
First Aid Measures

4.1 Description of first aid measures
General advice: Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled: Remove person to fresh air and keep comfortable for breathing. Consult a physician.
In case of skin contact: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.
In case of eye contact: After eye contact: rinse out with plenty of water. Immediately call in ophthalmologist. Remove contact lenses.
If swallowed: After swallowing: make victim drink water (two glasses at most), avoid vomiting (risk of perforation). Call a physician immediately. Do not attempt to neutralise.

4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2). There may be irritation and redness.

4.3 Indication of any immediate medical attention and special treatment needed
No additional measures required

SECTION 5
Firefighting Measures

5.1 Extinguishing media
Suitable extinguishing media: Water Foam Carbon dioxide (CO2) Dry powder.
Unsuitable extinguishing media: For this substance/mixture no limitations of extinguishing agents are given.

5.2 Special Hazards arising from the substance or mixture
In combustion emits toxic fumes of carbon dioxide / carbon monoxide
In combustion emits toxic fumes of hydrogen fluoride.
Development of hazardous combustion gases or vapours possible in the event of fire.

5.3 Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.
Wear protective clothing to prevent contact with skin and eyes.
Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.

5.4 Further information
Suppress (knock down) gases/vapors/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system.

SECTION 6
Accidental release measures

6.1 Personal Precautions, protective equipment and emergency procedures
Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

6.2 Environmental precautions
Prevent further leakage or spillage, if safe to do so, using bunding. Do not discharge into drains or rivers.

6.3 Methods and materials for containment and cleaning up
Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal. Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Clean up affected area.

6.4 Refence to other sections
For disposal see section 13.

SECTION 7
Handling and Storage

7.1 Precautions for safe handling
Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities
Store below 40 °C (104 °F), ≤80% relative humidity, in sealed original packaging. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3 Specific end use(s)
Apart from the uses mention in section 1.2 no other specific uses are stipulated.

SECTION 8
Exposure controls

Control parameters
Occupational exposure limits: No occupational exposure limits (OSHA PEL, ACGIH TLV, NIOSH REL) have been established for 1,1,1,3,3,3 hexafluoro 2 propanol (CAS 920 66 1).
Biological limit values: None established.

Appropriate engineering controls
Provide adequate general and local exhaust ventilation. Ensure eyewash and shower facilities near the workplace.

Personal protective equipment

Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Tightly fitting safety goggles

Skin protection

Full contact:
Material: Viton®
Minimum layer thickness: 0.7 mm
Break through time: 480 min

Splash contact:
Material: Nitrile rubber
Minimum layer thickness: 0.4 mm
Break through time: 120 min

Body Protection
protective clothing

Respiratory protection
Use a NIOSH-approved air-purifying respirator with an Organic Vapor cartridge and P100 particulate filter (OV/P100), selected and used in accordance with OSHA 29 CFR 1910.134. Where the respirator is the sole means of protection, or for solvent transfer, maintenance and spill response, use a supplied-air respirator (SAR) or PAPR.

Control of environmental exposure
Do not let product enter drains.

SECTION 9
Physical and chemical properties

9.1 Information on basic physical and chemical properties

a)	**Appearance:**	Form: clear, liquid Color: colorless
b)	**Odor:**	Characteristic, slightly pungent
c)	**Odor Threshold:**	No data available
d)	**pH:**	No data available
e)	**Melting point/freezing point:**	Melting point/ range: -4 °C (25 °F) - lit.
f)	**Initial boiling point and boiling range:**	59 °C 138 °F - lit.
g)	**Flash point:**	>100 °C (212 °F), closed cup; not classified as flammable
h)	**Evaporation rate:**	No data available
i)	**Flammability (solid, gas):**	No data available
j)	**Upper/lower flammability or explosive limits:**	No data available
k)	**Vapor pressure:**	205 hPa at 25 °C (77 °F) - OECD Test Guideline 104
l)	**Vapor density:**	No data available
m)	**Density:** **Relative density:**	1.596 g/cm^3 at 25 °C (77 °F) - lit. No data available
n)	**Water solubility:**	176 g/l at 20 °C (68 °F) - OECD Test Guideline 105
o)	**Partition coefficient: n-octanol/water:**	log Pow: 1.5 at 25 °C (77 °F) - OECD Test Guideline 117 Bioaccumulation is not expected.
p)	**Autoignition temperature:**	> 550 °C (> 1022 °F) at 1,020 hPa - ASTM E-659
q)	**Decomposition temperature:**	No data available
r)	**Viscosity:**	No data available
s)	**Explosive properties:**	Not classified as explosive.
t)	**Oxidizing properties:**	none

9.2 Other information
Surface tension: 67.1 mN/m at 1g/l at 19.8 °C (67.6 °F) - OECD Test Guideline 115

SECTION 10
Stability and reactivity

10.1 Reactivity
No data available

10.2 Chemical Stability
Stable under normal conditions

10.3 Possibility of hazardous reactions
Violent reactions possible with:
Strong oxidizing agents
Metals

10.4 Conditions to avoid
No data available

10.5 Incompatible materials
Strong oxidizing agents, Strong acids, Strong bases, Aluminium, Zinc, Alkali metals

10.6 Hazardous decomposition products
In combustion emits toxic fumes of carbon dioxide / carbon monoxide
In combustion emits toxic fumes of hydrogen fluoride.

SECTION 11
Toxicological information

11.1 Information on toxicological effects

Acute toxicity
LD50 Oral - Rat - 1,500 mg/kg
ATE Dermal – 1,100 mg/kg
LC50 Inhalation - Rat - 4 h - 1,974 ppm (≈ 13.8 mg/L, vapour)
Remarks: Sense Organs and Special Senses (Nose, Eye, Ear, and Taste): Eye: Mydriasis (pupillary dilation). Lungs, Thorax, or Respiration: Dyspnoea. Blood: Other changes.

Skin corrosion/irritation
Skin - Rabbit
Causes severe skin burns (Category 1B).
Remarks: (ECHA)

Serious eye damage/eye irritation
Eyes - Rabbit
Result: Causes serious eye damage.
Remarks: (ECHA)

Respiratory or skin sensitisation
Local lymph node assay (LLNA) - Mouse
Result: negative
(OECD Test Guideline 429)

Germ cell mutagenicity
Test Type: Ames test
Test system: Escherichia coli/Salmonella typhimurium
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 471
Result: negative

Carcinogenicity
Carcinogenicity
IARC: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
NTP: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

Reproductive Toxicity
Suspected of damaging the unborn child.
Suspected of damaging fertility.

Specific target organ toxicity – single exposure
May cause respiratory irritation (Category 3).

Specific target organ toxicity – repeated exposure
Oral - May cause damage to organs through prolonged or repeated exposure. - Central nervous system

Aspiration hazard
No data available

Additional information
Repeated dose toxicity - Rat - male and female - Oral - 42 Days - NOAEL (No observed adverse effect level) - 60 mg/kg - LOAEL (Lowest observed adverse effect level) - 300 mg/kg

RTECS: UB6450000
burning sensation, Cough, wheezing, laryngitis, Shortness of breath, spasm, inflammation and edema of the larynx, spasm, inflammation and edema of the bronchi, pneumonitis, pulmonary edema, Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin., To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12
Ecological Information

12.1 Toxicity
Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 244.0 mg/l - 96 h
Remarks: (ECOTOX Database) Toxicity to daphnia and other aquatic invertebrates static test EC50 - Daphnia magna (Water flea) - > 97.3 mg/l - 48 h (OECD Test Guideline 202)
Toxicity to algae static test ErC50 - Pseudokirchneriella subcapitata (green algae) -> 100 mg/l - 72 h
(OECD Test Guideline 201)
static test NOEC - Pseudokirchneriella subcapitata (green algae) - >=100 mg/l - 72 h
(OECD Test Guideline 201)

12.2 Persistence and degradability
Biodegradability aerobic - Exposure time 28 d
Result: 0 - 5 % - Not readily biodegradable. (OECD Test Guideline 301C)

12.3 Bio accumulative Potential
Bioaccumulation Cyprinus carpio (Carp) - 42 d at 25 °C - 1 mg/l(1,1,1,3,3,3-hexafluoro-2-propanol)
Bioconcentration factor (BCF): 1.1 - 1.4 (OECD Test Guideline 305)

12.4 Mobility in soil
No Data available

12.5 Results of PBT and vPvB assessment
This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher

12.6 Endocrine disrupting properties
The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other Adverse Effects
Do not allow product to reach ground water, water bodies or sewage system.

SECTION 13
Disposal considerations

13.1 Waste treatment methods
Product: Offer surplus and non-recyclable solutions to a licensed disposal company
Contaminated packaging: Dispose of as unused product. Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

SECTION 14
Transport Information

14.1 UN Number
IATA/ADR/IMDG: 3265

14.2 UN proper shipping name
IATA/ADR/IMDG: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (1,1,1,3,3,3-Hexafluoropropan-2-ol)

14.3 Transport hazard class(es)
IATA/ADR/IMDG: 8

14.4 IATA
UN number: 3265 Class: 8 Packing group: II
Proper shipping name: Corrosive liquid, acidic, organic, n.o.s. (1,1,1,3,3,3-hexafluoro-2-propanol)

14.5 Packaging group
IATA/ADR/IMDG: II

14.6 Environmental hazards
IATA/ADR/IMDG: No

14.7 Special precautions for user
IATA/ADR/IMDG: No Data Available

14.8 US DOT (49 CFR)
UN Number: UN 3265
Proper Shipping Name: Corrosive liquid, acidic, organic, n.o.s. (1,1,1,3,3,3-Hexafluoro-2-propanol)
Hazard Class: 8
Packing Group: II

SECTION 15
Regulatory information

CERCLA Reportable Quantity
This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity
This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity
This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards	Acute Health Hazard Chronic Health Hazard
SARA 313	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act
This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).
This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).
This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).
This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act
This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.
This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.
This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307
This product does not contain any priority pollutants related to the U.S. Clean Water Act

US State Regulations

Massachusetts Right To Know
No components are subject to the Massachusetts Right to Know Act.

Maine (38 M.R.S. § 1614, Products Containing PFAS)
This product contains intentionally added PFAS and is subject to Maine's restrictions on products containing intentionally added PFAS.

Minnesota (Minn. Stat. § 116.943, "Amara's Law")
This product contains intentionally added PFAS and is subject to Minnesota's PFAS in Products reporting requirements and restrictions.

Vermont Chemicals of High Concern
Product does not contain any listed chemicals

Washington Chemicals of High Concern
Product does not contain any listed chemicals

The ingredients of this product are reported in the following inventories:

TSCA	All substances listed as active on the TSCA inventory

TSCA list
No substances are subject to a Significant New Use Rule.
No substances are subject to TSCA 12(b) export notification requirements.

SECTION 16
Other Information

Issue date
May 2026

Revision date
May 2026

Version #
May 2026 // v5.0

Full text of H-Statements referred to under sections 2 and 3.

H302 – Harmful if swallowed.
H312 – Harmful in contact with skin.
H302 + H332 – Harmful if swallowed or inhaled
H314 – Causes severe skin burns and eye damage.
H332 – Harmful if inhaled
H361 – Suspected of damaging fertility or the unborn child
H335 – May cause respiratory irritation.
H373 – May cause damage to organs through prolonged or repeated exposure if swallowed

Further information
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions.

It does not represent any guarantee of the properties of the product.

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