amt postpro®



RA 326 SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) NO. 1272/2008

OCTOBER 2026 // V1.1

RA 326
Safety Data Sheet

According to Regulation (EC) No. 1272/2008

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:	RA 326
Product Number:	700501
Brand:	Additive Manufacturing Technologies
REACH Number:	01-2120752204-63-0001
CAS-Number:	920-66-1

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

Identified Uses:	Recovered solvent (FA326 recovered during the PostPro process) for post-processing 3D-printed polymer parts.

1.3 Details of the supplier of the safety data sheet

Company:	Additive Manufacturing Technologies Ltd Unit N, Europa House Airport Business Park Sheffield S9 1XU
Telephone:	+44 114 697 4025
Email Address:	support@amtechnologies.com

1.4 Emergency Contact Number

Telephone:	For 24/7 multilingual advice for a spill, leak, fire, exposure, or accident call CHEMTREC at +44 20 3807 3798 (London) and provide CCN 1024844. Backup: +44 20 3885 0382 (UK, multilingual) / +1 703 527 3887 (US, English).

SECTION 2
Hazards Identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008
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 (EC) No 1272/2008

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. P271 – Use only outdoors or in a well-ventilated area P312 – Call a poison centre/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.
Ecological information: 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.
Toxicological information: 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.

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

Hazardous ingredients according to Regulation (EC) No 1272/2008

Component	Classification	Concentration
1,1,1,3,3,3-Hexafluoropropan-2-ol		
CAS Number: 920-66-1 EC Number: 213-059-4	Acute Tox. 4; Skin Corr. 1B; Repr. 2; STOT SE 3; STOT RE 2; H302, H312, H332, H314, H361, H335, H373	to be confirmed

Impurities: Traces of water and dissolved polymer.

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: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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.

5.3 Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.
Wear protective clothing to prevent contact with skin and eyes

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.

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, ≤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/personal protection

8.1 Control parameters
Components with workplace control parameters: Contains no substances with occupational exposure limit values.

8.2 Exposure controls
Appropriate engineering controls
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal Protective Equipment
Eye/face protection: Tightly fitting safety goggles. Face shield (8-inch minimum). Use equipment for eye protection
tested and approved under appropriate government standards such as NIOSH (US) or EN166(EU).

Skin Protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.

Body Protection: Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific work-place.

Respiratory Protection: Where risk assessment shows air-purifying respirators are appropriate, use an AX-P3 (EN 14387 / EN 143) respirator as backup to engineering controls. Use a supplied-air respirator for solvent transfer, maintenance and spill response. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure: Prevent further leakage or spillage if safe to do so. Do not let the product enter drains.

SECTION 9
Physical and chemical properties

9.1 Information on basic physical and chemical properties

a)	**Appearance:**	Clear colourless liquid
b)	**Odour:**	Characteristic, slightly pungent
c)	**Odour Threshold:**	No Data Available
d)	**pH:**	No Data Available
e)	**Melting Point/Freezing Point:**	- 4 °C – lit.
f)	**Initial boiling point and boiling range:**	59 °C – lit.
g)	**Flash Point:**	>100 °C (closed cup); not classified as flammable per CLP
h)	**Evaporation rate:**	No Data Available
i)	**Flammability (solid, gas):**	No Data Available
j)	**Upper/lower flammability or explosive limits:**	No Data Available
k)	**Vapour pressure:**	160 hPa at 20 °C
l)	**Vapour density:**	No Data Available
m)	**Relative density:**	1.596 g/cm3 at 25 °C
n)	**Water solubility:**	176 g/l at 20 °C - OECD Test Guideline 105
o)	**Partition coefficient: n-octanol/water:**	No Data Available
p)	**Auto-ignition temperature:**	> 550 °C at 1,020 hPa - ASTM E-659
q)	**Decomposition temperature:**	No Data Available
r)	**Viscosity:**	No Data Available
s)	**Explosive properties:**	Product not explosive
t)	**Oxidizing properties:**	No Data Available

9.2 Other information
Refractive index n20D 1.275

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
No data available

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
Causes severe skin burns (Category 1B); corrosive to skin and mucous membranes

Serious eye damage/eye irritation
Strong caustic affect

Respiratory or skin sensitisation
No sensitizing effect known

Germ cell mutagenicity
No data available

Carcinogenicity
No data available

Reproductive Toxicity
Suspected of damaging fertility or the unborn child (Category 2).

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

Specific target organ toxicity – repeated exposure
May cause damage to organs through prolonged or repeated exposure (Category 2).

Aspiration hazard
No data available

Additional information
To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.
No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH
swallowing will lead to a strong caustic effect on mouth and throat and the danger of perforation of oesophagus and stomach.

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

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 Packaging group
IATA/ADR/IMDG: II

14.5 Environmental hazards
IATA/ADR/IMDG: No

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

SECTION 15
Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Product is not subject to any additional regulations or provisions. This substance meets the OECD 2021 definition of PFAS. Not currently subject to restriction under EU PFAS regulation.

15.2 Chemical safety assessment
For this product a chemical safety assessment was not carried out

SECTION 16
Other Information

Issue date
June 2026

Revision date
October 2026

Version #
October 2026 // v1.1

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.

CONTACT INFORMATION

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