



amt
postpro pure
SAFETY DATA SHEET

CONTENT

SECTION 1:	03	SECTION 10:	09
Identification of the substance/mixture and of the company/undertaking		Stability and reactivity	
1.1 Product Identifiers	03	10.1 Reactivity	09
1.2 Relevant identified uses of the substance or mixture and uses advised against	03	10.2 Chemical Stability	09
1.3 Details of the supplier of the safety data sheet	03	10.3 Possibility of hazardous reactions	09
1.4 Emergency Contact Number	03	10.4 Incompatible materials	09
		10.5 Hazardous decomposition products	09
SECTION 2:	04	SECTION 11:	09
Hazards Identification		Toxicological information	
2.1 Classification of the substance or mixture	04	11.1 Information on toxicological effects	09
2.2 Label Elements	04		
2.3 Other Hazards	04	SECTION 12:	10
SECTION 3:	05	Ecological Information	
Composition/information on ingredients		12.1 Toxicity	10
3.1 Substances	05	12.2 Persistence and degradability	10
		12.3 Bioaccumulative Potential	10
SECTION 4:	05	12.4 Mobility in soil	10
First Aid Measures		12.5 Results of PBT and vPvB assessment	10
4.1 Description of first aid measures	05	SECTION 13:	10
4.2 Most important symptoms and effects, both acute and delayed	05	Disposal considerations	
4.3 Indication of any immediate medical attention and special treatment needed	05	3.1 Waste treatment methods	10
SECTION 5:	06	SECTION 14:	10
Firefighting Measures		Transport Information	
5.1 Extinguishing media	06	14.1 UN Number	10
5.2 Special Hazards arising from the substance or mixture	06	14.2 UN proper shipping name	10
5.3 Advice for firefighters	06	14.3 Transport hazard class(es)	10
5.4 Further information	06	14.4 Packaging group	10
		14.5 Environmental hazards	10
SECTION 6:	06	14.6 Special precautions for user	10
Accidental release measures		SECTION 15:	11
6.1 Personal Precautions, protective equipment, and emergency procedures	06	Regulatory information	
6.2 Environmental precautions	06	15.1 Safety, health, and environmental regulations/legislation specific for the substance or mixture	11
6.3 Methods and materials for containment and cleaning up	06	15.2 Chemical safety assessment	11
6.4 Reference to other sections	06	SECTION 16:	11
SECTION 7:	07	Other Information	
Handling and Storage		CONTACT INFORMATION	12
7.1 Precautions for safe handling	07		
7.2 Conditions for safe storage, including any incompatibilities	07		
7.3 Specific end use(s)	07		
SECTION 8:	07		
Exposure controls/personal protection			
8.1 Control parameters	07		
8.2 Exposure controls	07		
SECTION 9:	08		
Physical and chemical properties			
9.1 Information on basic physical and chemical properties	08		
9.2 Other information	08		

SECTION 1:

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

1.1 Product Identifiers

Product Name:	PostProPure
Product Number:	N/A
Brand:	Additive Manufacturing Technologies
REACH Number:	N/A
CAS-Number:	N/A

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

Identified Uses:	Chemical for post-processing 3D-printed polymer parts
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1.3 Details of the supplier of the safety data sheet

Company:	Additive Manufacturing Technologies Unit N, Europa House Airport Business Park Sheffield S9 1XU
Telephone:	+44 114 312 3344
Email Address:	Info@amtechnologies.co.uk

1.4 Emergency Contact Number

Telephone:	+44 114 312 3344
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2.1 Classification of the substance or mixture

Skin irritation (Category 2), H315
Eye irritation (Category 2), H319

Labelling according to Regulation (EC) No 1272/2008

Signal Word: Warning

Hazard statement(s)

H315	Causes skin irritation.
H319	Causes serious eye irritation.

Precautionary statement(s)

P264	Wash skin thoroughly after handling.
P280	Wear protective gloves/ eye protection/ face protection.
P302 + P352	IF ON SKIN: Wash with plenty of water.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.
P337 + P313	If eye irritation persists: Get medical advice/ attention.

Supplemental Hazard Statements	None
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2.3 Other Hazards

This substance/mixture contains no persistent, bio-accumulative, and toxic (PBT) components

SECTION 3: Composition/information on ingredients

3.1 Substances

Synonyms:	N/A
Formula:	N/A
Molecular Weight:	N/A
CAS-Number:	N/A
EC-Number:	N/A

SECTION 4: First Aid Measures

4.1 Description of first aid measures

General advice: Show this material safety data sheet to the doctor in attendance.

If inhaled: After inhalation: fresh air.

In case of skin contact: In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower.

In case of eye contact: After eye contact: rinse out with plenty of water. Call in ophthalmologist. Remove contact lenses.

If swallowed: After swallowing: immediately make victim drink water (two glasses at most). Consult a physician.

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) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

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

Combustible.

5.3 Advice for firefighters

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

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

Advice for non-emergency personnel: Do not breathe vapours, aerosols. Avoid substance contact. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Cover drains. Collect, bind, and pump off spills.

Wipe up with absorbent material (e.g., cloth, fleece).

Place in appropriate containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

No special measures are necessary.
Keep away from food, drink, and animal feeding stuff.

7.2 Conditions for safe storage, including any incompatibilities

Keep the container tightly closed.
Storage class Storage class (TRGS 510): 10: Combustible liquids

7.3 Specific end use(s)

Apart from the uses mentioned 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 practices. Wash hands before breaks and at the end of the workday.

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). Safety glasses

Skin Protection

Use butyl-rubber gloves with minimum layer thickness of 0.7 mm and break through time of 480 min

Body Protection

Protective clothing

Respiratory Protection

Required when vapours/aerosols are generated. Recommendations based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system.
Recommended Filter type: Filter type ABEK

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:	Clear colourless liquid
b)	Odour:	No data available
c)	Odour Threshold:	No data available
d)	pH:	No data available
e)	Melting Point/Freezing Point:	No data available
f)	Initial boiling point and boiling range:	No data available
g)	Flash Point:	No data available
h)	Evaporation rate:	No data available
i)	Flammability (solid, gas):	Not flammable
j)	Upper/lower flammability or explosive limits:	Not flammable
k)	Vapour pressure:	No data available
l)	Vapour density:	No data available
m)	Relative density:	No data available
n)	Water solubility:	Miscible in any proportion
o)	Partition coefficient: n-octanol/water:	No data available
p)	Auto-ignition temperature:	No data available
q)	Decomposition temperature:	No data available
r)	Viscosity:	No data available
s)	Explosive properties:	Product not explosive
t)	Oxidizing properties:	None

9.2 Other information

Information with regards to physical hazard classes:

Hazard classes according to GHS (physical hazards): not relevant

SECTION 10:

Stability and reactivity

10.1 Reactivity

This material is not reactive under normal ambient conditions

10.2 Chemical Stability

The product is chemically stable under standard ambient conditions (room temperature)

10.3 Possibility of hazardous reactions

Violent reaction with: alkalines, oxidizing agents, acids

Conditions to avoid

Strong heating

10.4 Incompatible materials

Strong oxidizing agents

10.5 Hazardous decomposition products

In the event of fire: see section 5

SECTION 11:

Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Shall not be classified as acutely toxic.

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

Reproductive Toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity – single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity – repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

SECTION 12:

Ecological Information

12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment

12.2 Persistence and degradability

Biodegradability

Readily biodegradable (OECD Test Guideline 301B)

12.3 Bioaccumulative Potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no persistent, bio-accumulative, and toxic (PBT) components

SECTION 13:

Disposal considerations

13.1 Waste treatment methods

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. Notice Directive on waste 2008/98/EC.

SECTION 14:

Transport Information

14.1 UN Number

Not subject to transport regulations

14.2 UN proper shipping name

Not dangerous goods

14.3 Transport hazard class(es)

None

14.4 Packaging group

Not assigned

14.5 Environmental hazards

Non-environmentally hazardous according to the dangerous goods regulations

14.6 Special precautions for user

Further information

Not classified as dangerous in the meaning of transport regulations

SECTION 15:

Regulatory information

15.1 Safety, health, and environmental regulations/legislation specific for the substance or mixture

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2 Chemical safety assessment

For this product, a chemical safety assessment was not carried out.

SECTION 16:

Other Information

General Acronym Explanation

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service

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

H315 Causes skin irritation

H319 Causes serious eye irritation



CONTACT INFORMATION

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