

Safety data sheet

Regulation (EC) 1907/2006 and 1272/2008

Printing date: 26.02.2026

Version number: 2

Revision date: 26.02.2026

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

·1.1 Product identifier

·Trade name: **3D printing adhesive**

·UFI: 42F0-A0VM-300V-JPM9

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

·Application of the substance / the mixture: 3D Printing

·1.3 Details of the supplier of the safety data sheet

·Manufacturer / Supplier: LANDU INNOVATIONS TECHNOLOGY CO., LTD.

·Full address:

ROOM B1302, BLOCKABCD, PHASE 1, TIAN'AN CLOUD VALLEY INDUSTRIAL PARK, GANGTOU COMMUNITY, BANTIAN STREET, LONGGANG DISTRICT, SHENZHEN 51800, CHINA

·Phone number: +86-755-2850 2126

·Email: support@landu3d.com

·Only Representative / other EU contact point: Not available

·1.4 Emergency telephone number:

IRELAND National Poisons Information Centre

Tel: +353 (01) 809 2566 (For healthcare professionals)

+353 (01) 809 2166 (For public; 8am - 10pm)

·1.5 Reference Number: CANEC24018207101,GZP24-027303

SECTION 2: Hazards identification

·2.1 Classification of the substance or mixture

·Classification according to Regulation (EC) No 1272/2008

The product is not classified according to the CLP regulation.

·Information concerning particular hazards for human and environment:

The product has not to be labelled due to the calculation procedure of Regulation (EC) No. 1272/2008.

·Classification system:

The classification is according to the latest edition of EU Regulation (EC) No. 1272/2008, and extended by company and literature data.

·2.2 Label elements

·Labelling according to Regulation (EC) No. 1272/2008 Not applicable

·Hazard pictograms Not applicable

·Signal word Not applicable

·Hazard-determining components of labelling: Not applicable

·Hazard statements Not applicable

·Precautionary statements Not applicable

·2.3 Other hazards:

·Results of PBT and vPvB assessment

·PBT: Not applicable

·vPvB: Not applicable

·Determination of endocrine-disrupting properties Not applicable

SECTION 3: Composition/information on ingredients

·3.2 Mixtures

·Description:

Mixture of the substances listed below with nonhazardous additions.

For the wording of the listed hazard statements refer to section 16.

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Composition:		
CAS: 7732-18-5 EINECS: 231-791-2	Water	50-70%
CAS: 25212-88-8	2-Propenoic acid, 2-methyl-, polymer with ethyl 2-propenoate	15-20%
	⚠ Acute Tox. 4, H332	
CAS: 61693-08-1	Heptadecane, 2,2,4,4,6,6,8,8,10,10,12,12,14,14,16,16-hexadecamethyl-	10-15%
CAS: 16576-98-0	Dibutylmethylbenzylammonium chloride	5-15%

SECTION 4: First aid measures

4.1 Description of first aid measures

- **General description:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed:

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed:

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture:

No further relevant information available.

5.3 Advice for firefighters

- **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Not required.

6.2 Environmental precautions:

Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

6.4 Reference to other sections:

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling:

- No special measures required.
- For the general occupational hygienic measures refer to Section 8.
- **Information about fire - and explosion protection:** No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

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- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **7.3 Specific end use(s):** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- **DNELs:** Not available
- **PNECs:** Not available

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**

Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure.

- **Appropriate engineering controls:** See Section 7 for information about design of technical facilities.
- **Individual protection measures, such as personal protective equipment**
- **Respiratory protection:** Not required.
- **Hand protection:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

· **Material of gloves:**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material:**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye/face protection:** Goggles recommended during refilling
- **Body protection:** Protective work clothing
- **Thermal hazards:** Not required for normal conditions of use.

· **Environmental exposure controls:**

Control measures must be made in accordance with Community environmental protection legislation.

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

- **Physical state:** Liquid
- **Colour:** Colorless transparent
- **Odour:** Odorless
- **Odour threshold:** Not available

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·Melting point/Freezing point:	Not available
·Boiling point or initial boiling point and boiling range:	Not available
·Flammability:	Not available
·Lower and upper explosion limit	
·Lower:	Not available
·Upper:	Not available
·Flash point:	Not available
·Auto-ignition temperature:	Not available
·Decomposition temperature:	Not available
·pH:	7.5-8.5
·Viscosity	
·Kinematic viscosity:	Not available
·Dynamic viscosity:	Not available
·Solubility	
·Water:	Not available
·Partition coefficient n-octanol/water (log value):	Not available
·Vapour pressure:	Not available
·Density and/or relative density	
·Density:	Not available
·Relative density:	Not available
·Relative vapour density:	Not available
·Particle characteristics:	Not available

9.2 Other information

·Appearance

·Form: Liquid

Information with regard to physical hazard classes

·Explosives:	Not applicable
·Flammable gases:	Not applicable
·Aerosols:	Not applicable
·Oxidising gases:	Not applicable
·Gases under pressure:	Not applicable
·Flammable liquids:	Not applicable
·Flammable solids:	Not applicable
·Self-reactive substances and mixtures:	Not applicable
·Pyrophoric liquids:	Not applicable
·Pyrophoric solids:	Not applicable
·Self-heating substances and mixtures:	Not applicable
·Substances and mixtures, which emit flammable gases in contact with water:	Not applicable
·Oxidising liquids:	Not applicable
·Oxidising solids:	Not applicable
·Organic peroxides:	Not applicable
·Corrosive to metals:	Not applicable
·Desensitised explosives:	Not applicable
·Other safety characteristics:	Not available

SECTION 10: Stability and reactivity

- 10.1 Reactivity: No further relevant information available.
- 10.2 Chemical stability: Stable under recommended storage conditions
- 10.3 Possibility of hazardous reactions: No dangerous reactions known.
- 10.4 Conditions to avoid: Avoid fire, elevated temperatures. direct sunlight

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·10.5 Incompatible materials: No further relevant information available.

·10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

·11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

·Acute toxicity Based on available data, the classification criteria are not met.

·LD/LC50 values relevant for classification: Not available

·Skin corrosion/irritation: Based on available data, the classification criteria are not met.

·Serious eye damage/irritation: Based on available data, the classification criteria are not met.

·Respiratory or skin sensitization: Based on available data, the classification criteria are not met.

·Germ cell mutagenicity: Based on available data, the classification criteria are not met.

·Carcinogenicity: Based on available data, the classification criteria are not met.

·Reproductive toxicity: Based on available data, the classification criteria are not met.

·STOT-single exposure: Based on available data, the classification criteria are not met.

·STOT-repeated exposure: Based on available data, the classification criteria are not met.

·Aspiration hazard: Based on available data, the classification criteria are not met.

·11.2 Information on other hazards

·Endocrine disrupting properties:

None of the ingredients is listed.

·Other information: No further relevant information available.

SECTION 12: Ecological information

·12.1 Toxicity

·Aquatic toxicity: No further relevant information available.

·12.2 Persistence and degradability: No further relevant information available.

·12.3 Bioaccumulative potential: No further relevant information available.

·12.4 Mobility in soil: No further relevant information available.

·12.5 Results of PBT and vPvB assessment

·PBT: Not applicable

·vPvB: Not applicable

·12.6 Endocrine disrupting properties:

The product does not contain substances with endocrine disrupting properties.

·12.7 Other adverse effects: No further relevant information available.

SECTION 13: Disposal considerations

·13.1 Waste treatment methods

·Recommendation: Smaller quantities can be disposed of with household waste.

·Uncleaned packaging:

·Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

·14.1 UN number or ID number

·ADR/RID/ADN, IMDG, IATA

Not applicable

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·14.2 UN proper shipping name ·ADR/RID/ADN, IMDG, IATA	Not applicable
·14.3 Transport hazard class(es) ·ADR/RID/ADN, IMDG, IATA ·Class ·Label	Not applicable -
·14.4 Packing group ·ADR/RID/ADN, IMDG, IATA	Not applicable
·14.5 Environmental hazards: ·Marine pollutant:	No
·14.6 Special precautions for user: ·Hazard identification number (Kemler code):	Not applicable -
·14.7 Maritime transport in bulk according to IMO instruments	Not applicable
·14.8 Transport/Additional information:	Not dangerous according to the above specifications.
·UN "Model Regulation":	Not applicable

SECTION 15: Regulatory information

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

·Directive 2012/18/EU

·Named dangerous substances - ANNEX I None of the ingredients is listed.

·Seveso category Not applicable

·Qualifying quantity (tonnes) for the application of lower-tier requirements Not applicable

·Qualifying quantity (tonnes) for the application of upper-tier requirements Not applicable

·REGULATION (EU) 2019/1021 on persistent organic pollutants (POP)

None of the ingredients is listed.

·Regulation (EU) No 649/2012

None of the ingredients is listed.

·REGULATION (EU) 2019/1148

·Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

·Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

·Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

·Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

·REGULATION (EC) No 1005/2009 on substances that deplete the ozone layer – ANNEX I (Ozone-depleting potential)

None of the ingredients is listed.

·Other regulations, limitations and prohibitive regulations

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SVHC Candidate List of REACH Regulation Annex XIV Authorisation (23/1/2024)

None of the ingredients is listed

REACH Regulation Annex XVII Restriction (25/9/2023)**See Section 16 for information about restriction of use.**

None of the ingredients is listed

REACH Regulation Annex XIV Authorisation List (13/11/2023)

None of the ingredients is listed

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information****Recommended restriction of use** Not applicable**Relevant hazard statements**

H332 Harmful if inhaled.

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2020/878.

DISCLAIMER OF LIABILITY

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Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity – Category 4

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