

Safety Data Sheet acc. to OSHA HCS

Date of issue: 02/18/2025

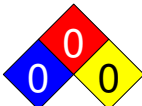

Version number 3

Reviewed on 04/18/2024

* 1 Identification

- **Product identifier**
 - **Trade name:** magigoo Supergrip
- **Other means of identification**
 - **Application of the substance / the mixture** 3D printing material
- **Details of the supplier of the safety data sheet**
 - **Manufacturer/Supplier:**
Thought3D Ltd
146, Triq il Qasam
SWQ3026, Swieqi
Malta
Phone: +356 99587397
magigoo.com
 - **Information department:**
Research and development:
E-Mail: keith@thought3d.com

2 Hazard(s) identification

- **Classification of the substance or mixture**
The product is not classified, according to the Globally Harmonized System (GHS).
- **Label elements**
 - **GHS label elements** Void
 - **Hazard pictograms** Void
 - **Signal word** Void
 - **Hazard statements** Void
- **Additional information:**
While this product (substance/ mixture/article) is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this safety data sheet contains valuable information critical to the safe handling and proper use of the product.
- **Information pertaining to particular dangers for man and environment:**
 - **Classification system:**
 - **NFPA ratings (scale 0 - 4)**

Health = 0
Fire = 0
Reactivity = 0
 - **HMIS-ratings (scale 0 - 4)**

Health = 0
Fire = 0
Reactivity = 0
- **Other hazards**
 - **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
 - **Description:** Aqueous dispersion of a copolymer not requiring labelling.

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- **Dangerous components:** The mixture contains no hazardous ingredients.

4 First-aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Generally the product does not irritate the skin.
Wash with water and soap.
Remove contaminated clothing.
Wash contaminated clothing before re-use.
In case of skin irritations or sensitizing effects, consult doctor.
- **After eye contact:**
Rinse opened eye for several minutes under running water.
Remove contact lenses if possible.
In case of permanent aches and pains please go and see the doctor.
- **After swallowing:**
Rinse out mouth with water.
If symptoms persist consult doctor.
- **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
A symptomatic therapy is to be induced.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
The product itself does not burn.
Use fire fighting measures that suit the environment.
Foam, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** None known.
- **Special hazards arising from the substance or mixture**
Inhalation of combustion gases may cause serious health hazards.
During incomplete combustion carbon monoxide can be formed.
- **Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.

* 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Avoid contact with eyes and skin.
Ensure adequate ventilation
Particular danger of slipping on leaked/spilled product.
- **For non-emergency personnel** Avoid contact with the product.
- **For emergency responders** Put on suitable personal protective equipment.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of the collected material according to regulations.
- **Protective Action Criteria for Chemicals**

· PAC-1:

None of the ingredients is listed.

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· **PAC-2:**

None of the ingredients is listed.

· **PAC-3:**

None of the ingredients is listed.

· **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.

7 Handling and storage

· **Precautions for safe handling**

Avoid direct contact with eyes, skin and clothing.

Do not inhale gases/vapours/aerosols.

Ensure sufficient ventilation.

· **Information about protection against explosions and fires:** No special measures required.· **Handling:**

Do not eat, drink, smoke or sniff while working.

Wash hands before breaks and at the end of work.

· **Conditions for safe storage, including any incompatibilities**· **Storage:**· **Requirements to be met by storerooms and receptacles:**

Keep container tightly closed.

Protect from frost.

· **Information about storage in one common storage facility:**

Keep away from food, drink and animal feeding stuffs.

Do not store together with textiles.

· **Further information about storage conditions:** Protect from heat and direct sunlight.· **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

· **Control parameters**· **Components with limit values that require monitoring at the workplace:**

If the product is used as intended, there is no risk to health from the release of hazardous substances.

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

· **Additional information:** The lists that were valid during the creation were used as basis.· **Exposure controls**· **Personal protective equipment:**· **General protective and hygienic measures:**

Wash hands before breaks and at the end of work.

Do not eat or drink while working.

Immediately remove all soiled and contaminated clothing.

· **Breathing equipment:** Not required when used as intended.· **Protection of hands:**

No chemical-protective gloves required.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Protective gloves are recommended at frequent and/or long-term skin contact with the product.

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

· **Material of gloves**

Nitrile rubber, NBR

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

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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**

In case of a layer thickness of 0.2 mm the penetration time is longer than 480 minutes.

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

- **Eye protection:** Goggles recommended during refilling.

* 9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Physical state**

Liquid

- **Color:**

Whitish

- **Odor:**

Weak, characteristic

- **Odor threshold:**

Not determined.

- **Melting point/Melting range:**

Undetermined.

- **Boiling point/Boiling range:**

100 °C (212 °F)

- **Flammability:**

Not applicable.

- **Explosion limits:**

- **Lower:**

Not determined.

- **Upper:**

Not determined.

- **Flash point:**

Not applicable.

- **Decomposition temperature:**

Not determined.

- **SADT**

- **pH-value at 20 °C (68 °F):**

4.6 - 7
(depending on the product)

- **Viscosity:**

- **Kinematic:**

Not determined.

- **Dynamic at 20 °C (68 °F):**

19 - 700 mPas
viscous.
(depending on the product)

- **Solubility in / Miscibility with**

- **Water:**

Fully miscible.

- **Segregation coefficient (n-octanol/water):**

Not determined.

- **Vapor pressure at 20 °C (68 °F):**

23 hPa (17.3 mm Hg)

- **Density at 20 °C (68 °F):**

1.022 - 1.056 g/cm³ (8.529 - 8.812 lbs/gal)
(depending on the product)

- **Relative density**

Not determined.

- **Vapor density**

Not determined.

- **Particle characteristics**

Not applicable.

- **Other information**

- **Appearance:**

- **Form:**

Fluid

- **Important information on protection of health and environment, and on safety.**

- **Ignition temperature:**

Product is not selfigniting.

- **Danger of explosion:**

Product does not present an explosion hazard.

- **VOC EU**

- **VOC content:**

0.00 %

- **Change in condition**

- **Evaporation rate**

Not determined.

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10 Stability and reactivity

- **Reactivity** The product is stable under normal handling and storage conditions (dry).
- **Chemical stability** The product is stable under normal handling and storage conditions (see section 7).
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:**
None in case of intended use and storage in compliance with instructions.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
 - **Primary irritant effect:**
 - **on the skin:** No irritant effect.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
- **Carcinogenic categories**

· IARC (International Agency for Research on Cancer)		
9003-39-8	Polyvinylpyrrolidone	3
9002-89-5	Polyvinylalkohol	3
· NTP (National Toxicology Program)		
None of the ingredients is listed.		
· OSHA-Ca (Occupational Safety & Health Administration)		
None of the ingredients is listed.		

12 Ecological information

- **Toxicity**
 - **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Other information:** There are no data available about the preparation.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.
- **Additional ecological information:**
 - **General notes:**
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Smaller quantities can be disposed of with household waste.

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Do not allow product to reach sewage system.

- **Uncleaned packagings:**

- **Recommendation:**

- Dispose of packaging according to regulations on the disposal of packagings.

- Non contaminated packagings can be used for recycling.

- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

· UN-Number	
· DOT, ADR/RID, IMDG, IATA	Void
· UN proper shipping name	
· DOT, ADR/RID, IMDG, IATA	Void
· Transport hazard class(es)	
· DOT, ADR/RID, ADN, IMDG, IATA	
· Class	Void
· Packing group	
· DOT, ADR/RID, IMDG, IATA	Void
· Environmental hazards:	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	Not dangerous according to the above specifications.
· Special precautions for user	Not applicable.
· UN "Model Regulation":	Void

15 Regulatory information

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

No further relevant information available.

- **Sara**

- **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

- **TSCA (Toxic Substances Control Act):**

All components have the value ACTIVE.

- **Hazardous Air Pollutants**

None of the ingredients is listed.

- **Proposition 65**

- **Chemicals known to cause cancer:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

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· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Carcinogenicity categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value)**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **Canadian substance listings:**

· **Canadian Domestic Substances List (DSL)**

All ingredients are listed.

· **Canadian Non-Domestic Substances List (NDSL)**

None of the ingredients is listed.

· **Canadian Ingredient Disclosure list (limit 0.1%)**

None of the ingredients is listed.

· **Canadian Ingredient Disclosure list (limit 1%)**

None of the ingredients is listed.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing SDS:**

► **DEKRA** This Safety Data Sheet has been drawn up in cooperation with:
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· **Date of previous version** 07/26/2022

· **Version number of previous version:** 2

· **Date of preparation** 02/18/2025

· **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

DOT: US Department of Transportation

IATA: International Air Transport Association

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)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

· *** Data compared to the previous version altered.**