

Safety Data Sheet

According to (EG) NR. 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830 , as amended

Product name: **Maertz Glue**

Date of issue: 06.03.2019

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1. Identification of the substance/preparation and of the company

1.1 Trade name
Maertz Glue

1.2 Use of the product
3D printing Adhesive

1.3 Supplier
IGO3D GmbH
Am Brabrinke 14
30519 Hannover, Germany
Phone: +49 (0) 511 89 88 87 12
Emergency Phone: +49 (0) 511 89 88 87 10

2. Hazards identification

2.1 Classification of the substance or mixture
Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. This substance is not classified as dangerous according to Directive 67/548/EEC.

2.2 Label elements
The product does not need to be labelled in accordance with EC directives or respective national laws.

2.3 Other hazards
None

3. Composition/information on ingredients

3.1 Chemical characteristics
Mixtures.

3.2 Description
3D printing Adhesive

3.3 Dangerous components
Void.

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4. First aid measures

4.1 Description of first aid measures

If inhaled: If breathed in, move person into fresh air.

If not breathing, give artificial respiration.

In case of skin contact: Wash off with soap and plenty of water.

In case of eye contact: Flush eyes with water as a precaution.

Get medical attention if irritation develops and persists

If swallowed: Never give anything by mouth to an unconscious person.

Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

4.3 Indication of any immediate medical attention and special treatment needed no data available

Provide general supportive measures and treat symptomatically.

5. Fire fighting measures

5.1 Extinguishing media

Suitable extinguishing media use water spray, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Gasses hazardous to health may be formed.

5.3 Advice for fire fighters

Wear self-contained breathing apparatus for fire-fighting if necessary.

Follow general fire precautions as indicated in the works place.

5.4 Further information

Under fire conditions, material may decompose to form flammable and/or explosive mixtures in air.

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6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
No specific cautionary measure.

6.2 Environmental precautions
No special measures. Inform environmental manager major spillages.

6.3 Methods and materials for containment and cleaning up
Sweep up and shovel keep in suitable, closed containers for disposal. For disposal consideration refer to section 13.

7. Handling and storage

7.1 Precautions for safe handling
No specific measures.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed and store in dry, cool place.

7.3 Specific end uses
No data available

8. Exposure controls / personal protection

8.1 Control parameters
Components with workplace control parameters

8.2 Exposure controls
Appropriate Engineering Controls:
General hygiene practice. 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).

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Skin Protection:

Use general precautions of when handling chemicals. Avoid Direct Contact with skin.

Materials 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. Since the product is a mixture the resistance of the glove cannot be calculated in advance and has therefore to be checked prior to application.

Body Protection:

Choose body protection in relation to its type, to the concentration, and to the specific work-place.

Respiratory protection

Respiratory protection is not required.

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9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance Form	Liquid
Colour	Colourless
Odour	No data available
pH	6 – 7
Initial boiling point and boiling range	No data available
Flash point	Not applicable
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	Not applicable
Vapour pressure	No data available
Vapour density	No data available
Water solubility	Soluble
Auto-ignition temperature	No data available
Viscosity	No data available
Explosive properties	Not applicable

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10. Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

No data available

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid Exposure to light

May affect product quality.

10.5 Incompatible materials

Ostrong oxidizing agents.

10.6 Hazardous decomposition products other decomposition products

No data available

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity:

Skin corrosion/irritation:

No data available

Serious eye damage/eye irritation:

No data available

Respiratory or skin sensitization:

No data available

Germ cell mutagenicity:

Not expected to be mutagenic

Carcinogenicity:

Not classified

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12. Ecological information

12.1 Toxicity

No relevant data available

12.2 Persistence and degradability

No relevant data available

12.3 Bio accumulative potential

No relevant data available

12.4 Mobility in soil

No relevant data available

12.5 Results of PBT and vPvB assessment

Not applicable

12.6 Other adverse effects

The product is not classified as environmentally hazardous.

13. Disposal considerations

13.1 Waste treatment methods

Residual Waste:

Dispose of in accordance with local regulations.

Uncleaned Packaging:

Dispose if in accordance with local regulations.

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14. Transport information

14.1 UN number

ADR/RID, IMDG, IATA: Void

14.2 UN proper shipping name

ADR/RID, IMDG, IATA: Not dangerous goods IMDG:

14.3 Transport hazard class(es)

ADR/RID, IMDG, IATA: Void

14.4 Packing Group

ADR/RID, IMDG, IATA: Void

14.5 Environmental hazards

ADR/RID, IMDG Marine pollutant, IATA: no

14.6 Special precautions for user

No data available

15. Regulatory information

15.1 EU Regulations

Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex I: Not listed.

Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex II: Not listed.

Regulation (EC) No. 850/2004 on persistent organic pollutants, Annex I: Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1: Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2: Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3: Not listed.

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Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V: Not listed.

Directive 96/61/EC concerning integrated pollution prevention and control (IPPC): Article 15, European Pollution Emission Registry (EPER): Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59(1). Candidate List: Not listed.

15.2 Other regulations

This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.

15.3 National regulations

Not available

16. Other information

This document has been compiled according to our current knowledge and only covers the hazards by this mixture. It does not constitute a work place assessment.