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## 1. Identification

- **Trade Name:** **Essentium Glue Pro Kit, Essentium Glue Original, Essentium Glue PA, Essentium Glue Flex, Essentium Glue HT**

- **Relevant identified uses of the substances of mixture and uses advised against**

**Identified uses :** 3D printing Adhesive

- **Details of the supplier of the safety data sheet.**

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## 2. Hazards Identification

- 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.
- Label elements; the product does not need to be labelled in accordance with EC directives or respective national laws.
- Other hazards – none

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

- **Chemical Characterization:** Mixtures
  - **Description:** 3D printing Adhesive
  - **Dangerous components:** Void
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**4. FIRST AID MEASURES**

- 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.

- **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.

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

Provide general supportive measures and treat symptomatically

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**5. FIREFIGHTING MEASURES**

- **Extinguishing media**

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

- **Special hazards arising from the substance or mixture**

Gasses hazardous to health may be formed

- **Advice for firefighters**

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

Follow general fire precautions as indicated in the works place.

- **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

- **Personal precautions protective equipment and emergency procedures.**  
No specific cautionary measure.
  - **Environmental precautions**  
No special measures. Inform environmental manager major spillages
  - **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.
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## 7. HANDLING AND STORAGE

- **Precautions for safe handling**  
No specific measures.
  - **Conditions for safe storage, including any incompatibilities**  
Keep container tightly closed and store in dry, cool place.
  - **Specific end uses**  
No data available
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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Control parameters**
  - **Components with workplace control parameters**
- 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).
  - **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**

- Information on basic physical and chemical properties
  - a) **Appearance Form** : Liquid
  - Colour** : Colourless
  - b) **Odour**: no data available
  - c) **pH**: 4-7
  - d) **Initial boiling point and boiling range** no data available
  - e) **Flash point** - not applicable
  - f) **Evaporation rate** no data available
  - g) **Flammability (solid, gas)** no data available
  - H) **Upper/lower flammability or explosive limits** not applicable
  - I) **Vapour pressure** no data available
  - J) **Vapour density** no data available
  - K) **Water solubility** soluble
  - L) **Autoignition temperature** no data available
  - M) **Viscosity** no data available
  - N) **Explosive properties** not applicable

**10. STABILITY AND REACTIVITY**

- **Reactivity**  
No data available
  - **Chemical stability**  
No data available
  - **Possibility of hazardous reactions**  
No data available
  - **Conditions to avoid Exposure to light**  
May affect product quality.
  - **Incompatible materials**  
Strong oxidizing agents
  - **Hazardous decomposition products Other decomposition products**  
No data available
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**11. TOXICOLOGICAL INFORMATION**

- **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

**12. ECOLOGICAL INFORMATION**

- **Toxicity**  
No relevant data available
  - **Persistence and degradability**  
No relevant data available
  - **Bioaccumulative potential**  
No relevant data available
  - **Mobility in soil**  
No relevant data available
  - **Results of PBT and vPvB assessment**  
Not Applicable
  - **Other adverse effects**  
The product is not classified as environmentally hazardous
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**13. DISPOSAL CONSIDERATIONS****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**

- **UN number**  
ADR/RID, IMDG, IATA: Void
- **UN proper shipping name**  
ADR/RID, IMDG, IATA: Not dangerous goods IMDG:
- **Transport hazard class(es)**  
ADR/RID, IMDG, IATA: Void
- **Packaging group**  
ADR/RID, IMDG, IATA: Void
- **Environmental hazards**  
ADR/RID, IMDG Marine pollutant, IATA: no
- **Special precautions for user** no data available

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**15. REGULATORY INFORMATION****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.

**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.

**Other regulations**

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

**National regulations**

Not available.

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**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.

Thought3D Ltd