

## SAFETY DATA SHEET

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| <b>SECTION 1</b> | <b>Product &amp; Supplier Identification</b> |
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**Product Name: Glue Gun / Glue Sticks**

**Product Code: PAD1000 / PAD1100**

**Company: Shesto Ltd**

**Address: Sunley House, Olds Approach, Watford WD18 9TB, United Kingdom**

**Telephone: +44 (0)20 8451 6188**

**Use: Glue adhesive**

|                  |  |
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| <b>SECTION 2</b> | <b>Composition/Information on Ingredient</b> |
|------------------|--|

| Chemical Name | Registration No.      | CAS No.    | EC No.    | Concentration | Classification |
|---------------|-----------------------|------------|-----------|---------------|----------------|
| EVA           | N/A                   | 24937-78-8 | 607-457-0 | 55-80%        | Not Classified |
| RESIN         | 01-2119486685-21-XXXX | 8050-26-8  | 232-479-9 | 20-45%        | Not Classified |

|                  |                               |
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| <b>SECTION 3</b> | <b>Hazards Identification</b> |
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**Classification of the substance/mixture**

**Classification:** The mixture is classified as following according to REGULATION (EC) No 1272/2008:

| REGULATION (EC) No 1272/2008     |              |
|----------------------------------|--------------|
| Hazard classes/Hazard categories | Hazard codes |
| N/A                              | N/A          |

**Labels elements:**

**Hazard Pictograms:** No hazard pictogram is use

**Signal Word(S):** No signal word is used

**Hazard Statement:** Not applicable

**Precautionary statement:** Not applicable

**Other hazards:** Not available

SECTION 4

First Aid Measures

**Description of first aid measures:** In all cases of doubt or when symptoms persist seek medical attention.

**In case of inhalation:** Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel Get medical attention if symptoms occur.

**In case of skin contact:** Flush contaminated skin with plenty of water Remove contaminated clothing and shoes. Get medical attention if symptoms occur

**In case of eyes contact:** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

**In case of ingestion:** Wash out mouth with water. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

**Most important symptoms and effects, both acute and delayed:** The product is not classified as harmful to human health effect.

**Indication of any immediate medical attention and special treatment needed:** if skin irritation or rash occurs, get medical advice/attention.

SECTION 5

Fire Fighting Measures

**Extinguishing media:**

**Suitable extinguishing media:** Use fire extinguishers with class A extinguishing agent (like water or foam).

**Unsuitable extinguishing media:** Not available.

**Special hazards arising from the substance or mixture:** in case of fire, the following can be released: carbon monoxide, carbon dioxide.

**Advice for firefighters:** Fire-fighters should wear full protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6

Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:**

**For non-emergency personnel:** Provide adequate ventilation. Avoid inhalation of dust. Avoid skin and eye contact. Refer to section 8 of SDS for personal protection details.

**For emergency responders:** Wear an appropriate NIOSH/MSHA approved respirator if dust is generated.

**Environmental Precautions:** Do not allow material to be released to the environment without proper governmental permits.

**Methods for Containment and Cleaning up:** Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid creating dusty conditions and prevent wind dispersal. Do not use air hoses for cleaning. Minimize dry sweeping to avoid generation of dust clouds. Vacuum dust-accumulating surfaces and remove to a chemical disposal area. Use spark-proof tools and explosion-proof equipment. Vacuums with explosion-proof motors should be used. Dispose of via a licensed waste disposal contractor.

**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 information on disposal.

SECTION 7

Handling & Storage

**Precautions for safe handling:**

**Protective measures:** Good hygienic practices should be observed. Avoid contact with skin and eyes. Avoid breathing dust. If exposed to high dust concentration, leave area immediately. Work clothes should be washed separately at the end of each work day. Keep away from sources of ignition. Ensure good ventilation/exhaustion at the workplace.

**Advice on general occupational hygiene:** Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

**Conditions for safe storage, including any incompatibilities:** Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep away from heat, hot surfaces, sparks and flame. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

**Specific end use(s):** Not applicable.

**SECTION 8**

**Exposure Control/ Personal Protection**

**Control parameters:**

**Occupational exposure limits:** Not available.

**Additional exposure limits under the conditions of use:** Not available.

**DNEL/DMEL and PNEC-Values:** Not available.

**Exposure controls:**

**Appropriate engineering controls:** Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

**Individual protection measures, such as personal protective equipment:**

**Eye/face protection:** Safety glasses when eye contact is possible.

**Hand protection:** Handle with gloves. The selected protective gloves have in satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

**Body protection:** Wear suitable protective clothing to prevent skin exposure.

**Respiratory protection:** Suitable respiratory protective device recommended.

**Thermal hazards:** Wear suitable protective clothing to prevent heat.

**Environmental exposure controls:** Avoid discharge into the environment. According to local regulations, Federal and official regulations.

**SECTION 9**

**Physical & Chemical Properties**

|  |                  |
|--|------------------|
| Appearance:                                | Solid            |
| Colour:                                    | Natural colour   |
| Odour:                                     | Characteristic   |
| Odour threshold:                           | Not available    |
| pH:  | Not available    |
| Melting point/range (°C):                  | 85-92°C          |
| Boiling point/range (°C):                  | Not available    |
| Flash point (°C):                          | 200°C and higher |
| Evaporation rate:                          | Not available    |
| Flammability limit - lower (%):            | Not available    |
| Flammability (solid, gas):                 | Not available    |
| Ignition temperature (°C):                 | Not available    |
| Upper/lower flammability/explosive limits: | Not available    |
| Vapour pressure (20°C):                    | Not available    |

|  |                              |
|--|------------------------------|
| Vapour density:                                    | Not available                |
| Density:   | 0.981±0.02 g/cm <sup>3</sup> |
| Bulk density (kg/m <sup>3</sup> ):                 | Not available                |
| Water solubility (g/l):                            | Not available                |
| n-Octanol/water (log Po/w):                        | Not available                |
| Auto-ignition temperature:                         | Not available                |
| Decomposition temperature:                         | Not available                |
| Viscosity, dynamic (mPa.s):                        | 7000-9000mpa.S (200°C) CPS   |
| Explosive properties:                              | Not available                |
| Oxidising properties:                              | Not available                |
| Fat solubility (solvent- oil to be specified) etc: | Not available                |
| Surface tension:                                   | Not available                |
| Dissociation constant in water (pKa):              | Not available                |
| Oxidation-reduction Potential:                     | Not available                |

**SECTION 10**
**Stability & Reactivity**

**Reactivity:** The substance is stable under normal storage and handling conditions.

**Chemical stability:** Stable at room temperature in closed containers under normal storage and handling conditions.

**Possibility of hazardous reactions:** No dangerous reactions known.

**Conditions to avoid:** incompatible materials. Avoid extreme heat. Avoid direct sunlight.

**Incompatible materials:** Strong oxidizing agents.

**Hazardous decomposition products:** In case of fire, the following can be released: carbon monoxide, carbon dioxide.

**SECTION 11**
**Toxicological Information**

Information on toxicological effects:

Acute toxicity:

RESIN (CAS# 8050-2&8)

LD50 (Oral, Rat): > 2000 mg/kg bw, male

LD50 (Dermal, Rat): > 2000 mg/kg bw

LC50 (Inhalation, Rat): Not available

Skin corrosion/irritation: Not classified

Serious eye damage/irritation: Not classified

Respiratory or skin sensitization: Not classified

Germ cell mutagenicity: Not classified

**Carcinogenicity:** Not classified  
**Reproductive toxicity:** Not classified  
**STOT- single exposure:** Not classified  
**STOT-repeated exposure:** Not classified  
**Aspiration hazard:** Not classified

**SECTION 12**
**Ecological Information**
**Toxicity:**

RESIN(CAS# 8050-26-8)

| Acute toxicity |            | Time | Species | Method   | Evaluation | Remarks |
|----------------|------------|------|---------|----------|------------|---------|
| LL50           | >1000 mg/l | 96h  | Fish    | OECD 203 | N/A        | N/A     |
| EL50           | >100 mg/l  | 48h  | Daphnia | OECD 202 | N/A        | N/A     |
| EL50           | >1000 mg/l | 72h  | Algae   | OECD 201 | N/A        | N/A     |

**Persistence and degradability:** Not available.

**Bioaccumulative potential:** Not available.

**Mobility in soil:** Not available.

**Results of PBT&vPvB assessment:** Not available.

**Other adverse effects:** Not available.

**SECTION 13**
**Disposal Considerations**

**Waste treatment methods:** The material should be disposed of by incineration in a chemical incinerator in compliance with national and regional requirements.

**SECTION 14**
**Transport Information**

|  | Land transport (ADR/RID) | Sea transport (IMDG) | Air transport (ICAO/IATA) |
|--|--------------------------|----------------------|---------------------------|
| UN-Number  | Not regulated            | Not regulated        | Not regulated             |
| UN Proper shipping name  | Not regulated            | Not regulated        | Not regulated             |
| Transport hazard Class   | Not regulated            | Not regulated        | Not regulated             |
| Packaging group  | Not regulated            | Not regulated        | Not regulated             |
| Environmental hazards No   | No                       | No                   | No                        |
| Special precautions for user                                       | See section 2.2          | See section 2.2      | See section 2.2           |
| Transport In bulk according to Annex II of Marpol and the IBC Code | Not regulated            | Not regulated        | Not regulated             |

SECTION 15

Regulatory Information

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

**Relevant information regarding authorization:** Not applicable.

**Relevant information regarding restriction:** Not applicable.

**Other EU regulations:** Employment restrictions concerning young person must be observed. For use only by technically qualified individuals.

**Other National regulations:** Not applicable.

**Chemical Safety Assessment has been carried out?** YES  NO

SECTION 16

Other Information

**Indication of changes:** Version 1.0 Amended by (EU) 2015/830

**Training instructions:** Not applicable.

**Further information:** This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

**Notice to reader:** Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

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Position: Operations Manager

Date: 04/01/2019

Authorised Signatory:

