

## SDS Report

No. SHATY1503740101

Date: Mar. 24, 2015

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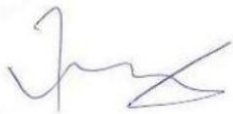
ZHEJIANG GOLDMONKEY STATIONERY CO., LTD  
NO 588 DONGSHENG EAST ROAD WUYI ZHEJIANG CHINA

SGS Ref. No. : SHTY150300003049-SH  
Sample Name : GLUE STICK  
End Uses : For paper, cardboard, fabric, polystyrene and photos. ideal for home, school and office use.  
Composition/Ingredient of sample (as per client submission) : See *Section 3 Composition/information on ingredients* on the SDS report  
Job Receiving Date : Mar 12, 2015  
Last Information Date : Mar 17, 2015  
SDS Preparation Period : Mar 12 ~ Mar 18, 2015

Service Requested : Preparation of Safety Data Sheet (SDS) for the sample with submitted information.

Summary : As per request, the contents and formats of the SDS are prepared in accordance with European Commission Directives 67/548/EEC, 1999/45/EC, Regulation (EC) No 1907/2006, Regulation (EC) No 1272/2008 and Regulation (EU) No 453/2010, and is provided per attached.

Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.



Wei WANG, Terry  
Approved Signatory



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**Safety data sheet**  
**Regulation(EC) No. 1907/2006, 1272/2008**



Printing date 18.03.2015

Revision: 17.03.2015

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

- **1.1 Product identifier**
- **Trade name:** GLUE STICK
  
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the mixture**  
 For paper, cardboard, fabric, polystyrene and photos. ideal for home, school and office use.
  
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
 ZHEJIANG GOLDMONKEY STATIONERY CO., LTD  
 NO 588 DONGSHENG EAST ROAD WUYI ZHEJIANG CHINA  
 Tel: 0579-87682108  
 E-mail: jsh\_kialy@163.com
- **Only Representative / other EU contact point**  
 West Mercia Supplies  
 Holsworth Park Oxon business Park, Shrewsbury, UK, SY3 5HJ  
 Fax: 0800 028 2927  
 Tel: 01743 237 361  
 E-mail: JDriscoll@westmerciasupplies.co.uk
- **Further information obtainable from:** ZHEJIANG GOLDMONKEY STATIONERY CO., LTD
  
- **1.4 Emergency telephone number:**  
 YANGLEI  
 Tel: 15088278001
  
- UNITED KINGDOM  
 National Poisons Information Service  
 Tel: +44 (0) 844 892 0111
  
- **1.5 Reference number:** SHTY150300003049-SH; SHATY1503740101

**SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**
  - **Classification according to Regulation (EC) No 1272/2008**
  -  GHS07  
 Skin Irrit. 2 H315 Causes skin irritation.  
 Eye Irrit. 2 H319 Causes serious eye irritation.
  - **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
  -  Xi; Irritant  
 R36/38: Irritating to eyes and skin.
  - **Information concerning particular hazards for human and environment:**  
 The product has 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 the Directives 67/548/EEC, 1999/45/EC and Regulation (EC) No. 1272/2008, and extended by company and literature data.
- 
- **2.2 Label elements**
  - **Labelling according to Regulation (EC) No 1272/2008**  
 The product is classified and labelled according to Regulation (EC) No 1272/2008.
  - **Hazard pictograms**



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EU

# Safety data sheet

## Regulation(EC) No. 1907/2006, 1272/2008

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**Trade name: GLUE STICK**





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- **Signal word** Warning
- **Hazard-determining components of labelling:** Not applicable
- **Hazard statements**  
*H315 Causes skin irritation.*  
*H319 Causes serious eye irritation.*
- **Precautionary statements**  
*P101 If medical advice is needed, have product container or label at hand.*  
*P102 Keep out of reach of children.*  
*P103 Read label before use.*  
*P280 Wear protective gloves/protective clothing/eye protection/face protection.*  
*P264 Wash thoroughly after handling.*  
*P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.*  
*P321 Specific treatment (see on this label).*  
*P332+P313 If skin irritation occurs: Get medical advice/attention.*  
*P337+P313 If eye irritation persists: Get medical advice/attention.*
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** 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 risk phrases refer to section 16.*

- **Composition:**

CAS: 7732-18-5 EINECS: 231-791-2	water	47,0%
CAS: 9003-39-8	2-Pyrrolidinone, 1-ethenyl-, homopolymer	33,0%
CAS: 56-81-5 EINECS: 200-289-5	glycerol substance with a Community workplace exposure limit	10,0%
CAS: 57-11-4 EINECS: 200-313-4	stearic acid, pure substance with a Community workplace exposure limit	5,0%
CAS: 61789-32-0 EINECS: 263-052-5	Fatty acids, coco, 2-sulfoethyl esters, sodium salts  Xi R36 R52/53 -----  Eye Irrit. 2, H319; Aquatic Chronic 3, H412	4,0%
CAS: 1310-73-2 EINECS: 215-185-5 Index number: 011-002-00-6	sodium hydroxide  C R35 -----  Skin Corr. 1A, H314	1,0%

- **Remark:**  
*2-Pyrrolidinone, 1-ethenyl-, homopolymer (CAS No.9003-39-8)*  
*Synonym: PVP*  
  
*glycerol (CAS No.56-81-5)*  
*Synonym: glycerin*

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **After inhalation:**  
*Supply fresh air; consult doctor in case of complaints.*

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- In case of unconsciousness place patient stably in side position for transportation.*
- **After skin contact:**  
*Immediately wash with water and soap and rinse thoroughly.*  
*If skin irritation continues, consult a doctor.*
- **After eye contact:**  
*Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.*
- **After swallowing:**  
*Rinse out mouth with water.*  
*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:**  
*Wear fully protective suit.*  
*Mouth respiratory protective device.*

### **SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures**  
*Wear protective equipment. Keep unprotected persons away.*  
*Ensure adequate ventilation*  
*Use respiratory protective device against the effects of fumes/dust/aerosol.*  
*Avoid contact with eyes.*  
*Avoid contact with skin.*
- **6.2 Environmental precautions:** *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).*  
*Ensure adequate ventilation.*  
*Dispose contaminated material as waste according to item 13.*
- **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**  
*Ensure good ventilation/exhaustion at the workplace.*  
*Keep receptacles tightly sealed.*  
*Keep away from heat and direct sunlight.*  
*Prevent formation of aerosols.*  
*Avoid contact with skin and eyes.*
- **Information about fire - and explosion protection:** *Normal measures for preventive fire protection.*

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- **7.2 Conditions for safe storage, including any incompatibilities:**
- **Requirements to be met by storerooms and receptacles:**  
Store in a cool location.  
Store only in the original receptacle.
- **Information about storage in one common storage facility:**  
Store away from foodstuffs.  
Store away from oxidising agents.
- **Further information about storage conditions:**  
Keep container tightly sealed.  
Store in cool, dry conditions in well sealed receptacles.
- **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:**

**56-81-5 glycerol (10,0%)**

MAK (Germany)	Long-term value: 50E mg/m <sup>3</sup> vgl.Abschn.Xc
WEL (Great Britain)	Long-term value: 10 mg/m <sup>3</sup>
VME (France)	Long-term value: 10 mg/m <sup>3</sup>

**57-11-4 stearic acid, pure (5,0%)**

MAK (Germany)	vgl.Abschn.IIb
---------------	----------------

**1310-73-2 sodium hydroxide (1,0%)**

MAK (Germany)	vgl.Abschn.IIb
WEL (Great Britain)	Short-term value: 2 mg/m <sup>3</sup>
VME (France)	Long-term value: 2 mg/m <sup>3</sup>

- **DNELs:** Not applicable
- **PNECs:** Not applicable

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

- **8.2 Exposure controls**

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

- **Appropriate engineering controls:**

Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes and skin.  
See Section 7 for information about design of technical facilities.

- **Personal protective equipment:**

- **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

- **Protection of hands:**



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.

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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 protection:**



Tightly sealed goggles

· **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**

· **Appearance:**

<b>Form:</b>	Gel
<b>Colour:</b>	White
<b>Odour:</b>	Odourless
<b>Odour threshold:</b>	Data not available.

· **pH-value:** Data not available.

· **Change in condition**

<b>Melting point/Melting range:</b>	Data not available.
<b>Boiling point/Boiling range:</b>	Data not available
<b>Freezing point:</b>	Data not available

· **Flash point:** Data not available

· **Flammability (solid, gaseous):** Not applicable

· **Auto-Ignition temperature:** Data not available

· **Decomposition temperature:** Date not available.

· **Self-igniting:** Product is not selfigniting.

· **Explosive properties:** Product does not present an explosion hazard.

· **Explosion limits:**

<b>Lower:</b>	Data not available.
<b>Upper:</b>	Data not available.

· **Oxidising properties** Data not available.

· **Vapour pressure:** Data not available.

· **Density:** Data not available.

· **Relative density** Data not available.

· **Vapour density** Data not available.

· **Evaporation rate** Data not available.

· **Solubility in / Miscibility with water:**

Data not available

· **Partition coefficient (n-octanol/water):** Data not available.

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- |                                |  |
|--------------------------------|--|
| · <b>Viscosity:</b>            |  |
| <b>Dynamic:</b>                | Data not available.                        |
| <b>Kinematic:</b>              | Data not available.                        |
| · <b>9.2 Other information</b> | No further relevant information available. |

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No decomposition if used according to specification.
- **10.2 Chemical stability** Stable under recommended storage conditions.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **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 toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values relevant for classification:**

#### 1310-73-2 sodium hydroxide

Oral	LD50	2000 mg/kg (rat)
------	------	------------------

#### 9003-39-8 2-Pyrrolidinone, 1-ethenyl-, homopolymer

Oral	LD50	> 40000 mg/kg (mouse) 100000 mg/kg (rat)
------	------	---

#### 57-11-4 stearic acid, pure

Dermal	LD50	>5000 mg/kg (rabbit)
--------	------	----------------------

#### 56-81-5 glycerol

Oral	LD50	4090 mg/kg (mouse) 12600 mg/kg (rat) 27000 mg/kg (rabbit)
------	------	---

- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitisation:** Sensitization possible.
- **Additional toxicological information:**  
The product shows the following dangers according to the calculation method based on the EU Directives 67/548/EEC, 1999/45/EC and Regulation 1272/2008/EC:  
Irritant
- **Toxicokinetics, metabolism and distribution** Data not available
- **Acute effects (acute toxicity, irritation and corrosivity)** Data not available
- **Repeated dose toxicity** Data not available
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)** Data not available

### SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.

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- **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 Other adverse effects** No further relevant information available.
- **12.7 Additional ecological information:**
  - **General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

- |  |                 |
|--|-----------------|
| · <b>14.1 UN-Number</b><br>· <b>ADR, IMDG, IATA</b>                                    | Not applicable  |
| · <b>14.2 UN proper shipping name</b><br>· <b>ADR, IMDG, IATA</b>                      | Not applicable  |
| · <b>14.3 Transport hazard class(es)</b><br>· <b>ADR, IMDG, IATA</b><br>· <b>Class</b> | Not applicable  |
| · <b>14.4 Packing group</b><br>· <b>ADR, IMDG, IATA</b>                                | Not applicable  |
| · <b>14.5 Environmental hazards</b><br>· <b>Marine pollutant:</b>                      | No              |
| · <b>14.6 Special precautions for user</b>   | Not applicable. |
| · <b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>  | Not applicable. |
| · <b>UN "Model Regulation":</b>  | -               |

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **MAK (German Maximum Workplace Concentration)**  
None of the ingredients is listed.
- **National regulations:**
- **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

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· **Other regulations, limitations and prohibitive regulations**

· **SVHC Candidate List of REACH Regulation Annex XIV Authorisation (17/12/2014)**

None of the ingredients is listed.

· **REACH Regulation Annex XVII Restriction (2/3/2015)**

None of the ingredients is listed.

· **REACH Regulation Annex XIV Authorization List (14/8/2014)**

None of the ingredients is listed.

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

## SECTION 16: Other information

· **Relevant phrases**

H314 Causes severe skin burns and eye damage.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

R35 Causes severe burns.

R36 Irritating to eyes.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

· \*\*\*\*\*

The contents and format of this SDS are in accordance with REGULATION (EC) No 1272/2008, REGULATION (EC) No 1907/2006, Regulation (EU) No 453/2010 and EU Commission Directive 1999/45/EC, 67/548/EEC.

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· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport 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

Skin Corr. 1A: Skin corrosion/irritation, Hazard Category 1A

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3

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