

SDS Report

No. SHATY1407090701

Date: May. 8, 2014

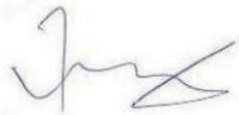
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SGS Ref. No. : SHTY140400005528
Sample Name : Pva glue stick
End Uses : To stick paper, card and cloth
Composition/Ingredient of sample (as per client submission) : See *Section 3 Composition/information on ingredients* on the SDS report
Job Receiving Date : Apr 24, 2014
Last Information Date : Apr 28, 2014
SDS Preparation Period : Apr 24- May 05, 2014

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 Ltd.



Terry Wang
Approved Signatory



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Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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Safety Data Sheet

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

Printing date 28.04.2014

Revision: 28.04.2014

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

- **Product identifier**
- **Trade name:** *Pva glue stick*
- **Registration number:** *Data not available.*
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the preparation:** *To stick paper, card and cloth*
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**

- **Only Representative/ other EU contact point:**

- **Further information obtainable from:**
- **Emergency telephone number:**

- **Email:**
- **Reference Number:**

SECTION 2: Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The product is not classified according to the CLP regulation.
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** *Not applicable.*
- **Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** *Not applicable.*
- **Hazard pictograms** *Not applicable.*
- **Signal word** *Not applicable.*
- **Hazard-determining components of labelling:** *Not applicable.*
- **Hazard statements** *Not applicable.*
- **Precautionary statements** *Not applicable.*
- **Additional information:**
Safety data sheet available on request.
- **Other hazards** *Not applicable.*
- **Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*

SECTION 3: Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** *Mixture of the substances listed below with nonhazardous additions.*

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· Dangerous components:

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	10,0%

· Non-dangerous components:

CAS: 7732-18-5 EINECS: 231-791-2	Water		64,0%
CAS: 9002-89-5	polyvinyl alcohol		16,0%

SECTION 4: First aid measures

· Description of first aid measures

· After inhalation: Supply fresh air; consult doctor in case of complaints.

· 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.

Never give anything by mouth to an unconscious person.

· Information for 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

No further relevant information available.

SECTION 5: Firefighting measures

· Extinguishing media

· Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

· Special hazards arising from the substance or mixture No further relevant information available.

· Advice for firefighters**· Protective equipment:**

Wear fully protective suit.

Mouth respiratory protective device.

SECTION 6: Accidental release measures

· Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

Avoid formation of dust.

Use respiratory protective device against the effects of fumes/dust/aerosol.

Avoid contact with eyes.

Avoid contact with skin.

· Environmental precautions: Do not allow to enter sewers/ surface or ground water.

· Methods and material for containment and cleaning up:

Pick up mechanically.

Dispose contaminated material as waste according to item 13.

· Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

SECTION 7: Handling and storage

- **Handling**
- **Precautions for safe handling**
Keep away from heat and direct sunlight.
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of dust.
Avoid contact with eyes and skin.
- **Information about fire - and explosion protection:** Normal measures for preventive fire protection.
- **Storage:**
- **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 oxidizing agents.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.
- **Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

57-11-4 stearic acid, pure

MAK (Germany) vgl.Abschn.IIb

56-81-5 glycerol

MAK (Germany) Long-term value: 50E mg/m³
vgl.Abschn.XcWEL (Great Britain) Long-term value: 10 mg/m³VME (France) Long-term value: 10 mg/m³

- **DNELs:** Data not available.
- **PNECs:** Data not available.
- **Additional information:** The lists valid during the making were used as basis.
- **Exposure controls**
- **Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure**
- **Personal protective equipment**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Suitable respiratory protective device recommended.
- **Protection of hands:**



Protective gloves

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

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Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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

SECTION 9: Physical and chemical properties

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

· **General Information**

· **Appearance:**

· Form:	Solid
· Colour:	White
· Odour:	Odourless
· Odour threshold:	Data not available.

· **pH-value:** Data not available.

· **Change in condition:**

· Melting point/Melting range:	Data not available.
· Freezing point:	Data not available.
· Boiling point/Boiling range:	Data not available.

· **Flash point:** Data not available.

· **Flammability (solid, gaseous):** Data not available.

· **Auto-ignition temperature:** Data not available.

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

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

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

· **Explosion limits**

· Lower:	Data not available.
· Upper:	Data not available.
· Oxidizing 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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- **Viscosity:**
 - Dynamic:** Data not available.
 - Kinematic:** Data not available.
- **Other information** No further relevant information available.

SECTION 10: Stability and reactivity

- **Reactivity** No decomposition if used according to specifications.
- **Chemical stability** Stable under recommended storage conditions.
- **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:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **Information on toxicological effects**
- **Acute toxicity**

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

9002-89-5 polyvinyl alcohol

Oral	LD50	14270 mg/kg (mouse)
		23900 mg/kg (rat)

57-11-4 stearic acid, pure

Dermal	LD50	>5000 mg/kg (rabbit)
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56-81-5 glycerol

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

- **Primary irritant effect**
- **on the skin:** Irritating effect possible.
- **on the eye:** Irritating effect possible.
- **Sensitization:** Sensitization possible.
- **Toxicokinetics, metabolism and distribution:** No further relevant information available.
- **Acute effects (acute toxicity, irritation and corrosivity):** No further relevant information available.
- **Repeated dose toxicity:** No further relevant information available.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):** No further relevant information available.

SECTION 12: Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **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.

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- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **Waste treatment methods**
- **Recommendation:** Smaller quantities can be disposed of with household waste.
- **Uncleaned packaging**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

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

SECTION 15: Regulatory information

- **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.

- **Other regulations, limitations and prohibitive regulations**

- **SVHC Candidate List of REACH Regulation Annex XIV Authorisation (16/12/2013)**

None of the ingredients is listed.

- **REACH Regulation Annex XVII Restriction (27/3/2014)**

None of the ingredients is listed.

- **REACH Regulation Annex XIV Authorisation List (17/4/2013)**

None of the ingredients is listed.

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

SECTION 16: Other information

· *****
 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.

DISCLAIMER OF LIABILITY :

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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 Harmonized 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

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