

Safety Data Sheet
According to Regulation (EC) No 1907/2006

PVP GLUE STICK

Version 1.0

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Section 1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier:

Identification on the label/Trade name: PVP GLUE STICK

Additional identification: Not available

Identification of the product: See section 3

Index Number: Not available

REACH registration No.: Not available

1.2 Relevant identified uses of the substance and uses advised against:

1.2.1 Identified uses:

BONDING ALL SORTS OF PAPER AND PAPER PRODUCTS.

1.2.2 Uses advised against:

Not available.

1.3 Details of the supplier of the safety data sheet:

Supplier(Only representative): -

Supplier(Manufacturer): HAINENKO LTD.

Address: 284 CHASE ROAD, LONDON, ENGLAND, N14 6HF

Contact person(E-mail): d.ashpole@hainenko.com (DOUGLAS ASHPOLE)

Telephone: 020 8882 8734

020 8882 7749

Fax:

1.4 Emergency telephone Number:

020 8882 8734

Available outside office hours?

YES

NO

Section 2 Hazards Identification

2.1 Classification of the substance/mixture:

2.1.1 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

For full text of H-phrases: see section 2.2.

2.2 label elements:

Hazard Pictograms: No hazard pictogram is used.

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

Hazard Statement: Not applicable.

Precautionary statement: Not applicable.

2.3 Other hazards:

Not available.

Section 3 Composition/information on ingredients

Substance/Mixture: Mixture

Ingredient(s):

Chemical Name	Registration No.	CAS No.	EC No.	Concentration	Classification
Polyvinylpyrrolidone(PVP)	N/A*	9003-39-8	N/A	17%	Not Classified
Glycerol	N/A	56-81-5	200-289-5	9%	Not Classified
Ethyl 4-hydroxybenzoate	N/A	120-47-8	204-399-4	0.1%	Not Classified
Pentaerythritol	N/A	115-77-5	204-104-9	1.5%	Not Classified
Sodium stearate	N/A	822-16-2	212-490-5	7.4%	Not Classified
Water	N/A	7732-18-5	231-791-2	65%	Not Classified

* A registration number is not available for this substance because polymers are exempted from REACH registration.

Section 4 First aid measures

4.1 Description of first aid measures:

In all cases of doubt, or when symptoms persist, seek medical attention.

4.1.1 In case of inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration, if breathing is difficult, give oxygen.

4.1.2 In case of skin contact:

In case of contact, immediately wash skin with soap and copious amounts of water.

4.1.3 In case of eyes contact:

There might be a slight irritation which fades soon. Irrigate with water or eye wash solution.

4.1.4 In case of ingestion:

If swallowed, wash out mouth with water provided person is conscious, call a physician

4.2 Most important symptoms and effects, both acute and delayed:

The product is not classified as harmful to human health effect.

4.3 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

5.1 Extinguishing media:

Suitable extinguishing media: Use extinguishers suitable for surrounding fire.

Unsuitable extinguishing media: Not available.

5.2 Special hazards arising from the substance or mixture

Emits toxic fumes under fire conditions.

5.3 Advice for firefighters:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Section 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

6.1.1 For non-emergency personnel: Remove all sources of ignition. Ventilate area of leak or spill.

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

6.2 Environmental Precautions:	Avoid disposing into drainage/sewer system or directly into the aquatic environment. Keeping away from drains, surface-and ground-water and soil.
6.3 Methods for Containment and Cleaning up:	Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal. Avoid generating dusty conditions.
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 information on disposal.

Section 7 Handling and storage

7.1 Precautions for safe handling:

7.1.1 Protective measures:	Avoid contact with eyes, skin. Avoid inhalation. Keep away from ignition sources, heat and flame.
7.1.2 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.
7.2 Conditions for safe storage, including any incompatibilities:	Store in a cool, dry, well-ventilated area.
7.3 Specific end use(s):	Not applicable.

Section 8 Exposure Controls/Personal Protection

8.1 Control parameters:

8.1.1 Occupational exposure limits:	SODIUM STEARATE (CAS# 822-16-2): Long-term exposure limit (TWA): 5 mg/m ³ (Lithuania)						
Substance	EINECS No.	CAS No.	Occupational Exposure Limit Value (8-hour reference period)	Occupational Exposure Limit Value (15-minute reference period)	ppm	mg/ m ³	Notes
Glycerol, mist	200-289-5	56-81-5	-	10	-	-	-
Pentaerythritol total inhalable dust respirable dust	204-104-9	115-77-5	-	10	-	20	-

8.1.2 Additional exposure limits under the conditions of use:	Not available.
8.1.3 DNEL/DMEL and PNEC-Values:	Not available.

8.2 Exposure controls:

8.2.1 Appropriate engineering controls:	Use adequate ventilation to keep airborne concentrations low.
8.2.2 Individual protection measures, such as personal protective equipment:	

Eye/face protection:	No special protection required.
Hand protection:	No special protection required.
Body protection:	No special protection required.
Respiratory protection:	No special protection required.
Thermal hazards:	Wear suitable protective clothing to prevent heat.
8.2.3 Environmental exposure controls:	Avoid discharge into the environment. According to local regulations, Federal and official regulations.

Section 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance:	Solid
Colour:	White
Odour:	None
Odour threshold:	Not available
pH:	Not available

Melting point/range (°C):	18.17 °C(CAS#56-81-5)
Boiling point/range (°C):	290 °C(CAS#56-81-5)
Flash point (°C):	177 °C(CAS#56-81-5)
Evaporation rate:	Not available
Flammability limit - lower (%):	Not available
Flammability (solid, gas):	Not available
Ignition temperature (°C):	Not available
Upper/lower flammability/explosive limits:	19 %/ 2.7 %(CAS#56-81-5)
Vapour pressure (50°C):	0.003 mm Hg (CAS#56-81-5)
Vapour density:	Not available
Density:	1.261 g/ml(CAS#56-81-5)
Bulk density (kg/m³):	Not available
Water solubility (g/l):	1000000 mg/L(CAS#56-81-5)
n-Octanol/Water (log Po/w):	-1.75(CAS#56-81-5)
Auto-ignition temperature:	370 °C(CAS#56-81-5)
Decomposition temperature:	Not available
Viscosity, dynamic (mPa.s):	1412 mPa s(20°C) (CAS#56-81-5)
Explosive properties:	Not available
Oxidising properties:	Not available

9.2. Other information:

Fat solubility(solvent– oil to be specified)	Not available
etc:	
Surface tension:	ca. 63.4 mN/m(CAS#56-81-5)
Dissociation constant in water(pKa):	Not available
Oxidation-reduction Potential:	Not available

Section 10 Stability and reactivity

10.1 Reactivity:	The substance is stable under normal storage and handling conditions.
10.2 Chemical stability:	Stable at room temperature in closed containers under normal storage and handling conditions.
10.3 Possibility of hazardous reactions:	No dangerous reactions known.
10.4 Conditions to avoid:	Incompatible materials.
10.5 Incompatible materials:	Strong oxidants.
10.6 Hazardous decomposition products:	Emits toxic fumes under fire conditions.

Section 11 Toxicological information

11.1 Information on toxicological effects:

Acute toxicity:	
GLYCERINUM(CAS#56-81-5):	
LD50(Oral, Rat):	27200 mg/kg (female)
LD50(Dermal, Rat):	Not available
LC50(Inhalation, Rat):	>2.75 mg/L 4 h
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

12.1 Toxicity:

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	N/A	96h	Fish	OECD 203	N/A	N/A
EC50	N/A	48h	Daphnia	OECD 202	N/A	N/A
EC50	N/A	72h	Algae	OECD 201	N/A	N/A

12.2 Persistence and degradability: Not available.

12.3 Bioaccumulative potential: Not available.

12.4 Mobility in soil: Not available.

12.5 Results of PBT&vPvB assessment: Not available.

12.6 Other adverse effects: Not available.

Section 13 Disposal considerations

13.1 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
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 Regulation information

15.1 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

15.2 Chemical Safety Assessment has been carried out?

YES



NO



Section 16 Other information

16.1 Indication of changes:

16.2 Training instructions:

Not applicable.

16.3 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.

16.4 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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