

# Safety Data Sheet (SDS)

Date: June 15, 2017

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## Section 1 - Chemical Product and Company Identification

### Product Name

PVP GLUE STICK

### Supplier

### Address

### Emergency Telephone

### Email

### REACH Pre-registration No.

No data available.

### Use

Adhesive glue.

## Section 2 - Hazards Identification .

### Classification of the substance or mixture.

### Classification according to Regulation (EC) No 1272/2008.

Not considered a hazardous mixture according to Reg. (EC) No 1272/2008 (if applicable) and their amendments. Not classified as Dangerous Goods for transport purposes.

### CLP label elements

### Labelling according to Regulation (EC) No 1272/2008

The product is not classified and labelled according to the CLP regulation.

### Hazard pictograms

Not Applicable

### Signal word

Not Applicable

### Hazard-determining components of labelling

Not Applicable

### Hazard statement(s)

Not Applicable

### Safety phrases Prevention

Not Applicable

### Response

Not Applicable

## Section 3 -Composition/Information on Ingredient

Chemical Name	In % Weight	By	CAS No.	EC No.	Classification CLP
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polyvinylpyrrolidone	17	9003-39-8	/	Not classified according to CLP
water soluble acrylic resin	2.23	25767-39-9	/	Not classified according to CLP
water	64.04	7732-18-5	231-791-2	Not classified according to CLP
sodium stearate	5.5	822-16-2	212-490-5	Not classified according to CLP
4,8-dioxa-2,2,6,6,10,10-hexahydroxymethylundecane-1,11-diol	1.03	78-24-0	201-097-4	Not classified according to CLP
fluorescent whitening agent kcb	0.2	63310-10-1	/	Not classified according to CLP
glycerol	9.9	56-81-5	200-289-5	Not classified according to CLP
ethyl 4-hydroxybenzoate	0.1	120-47-8	204-399-4	Not classified according to CLP

## Section 4 – First Aid Measures

### First aid procedures

#### Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if irritation develops or persists.

#### Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention promptly if symptoms occur after washing. In case of allergic reaction or other skin disorders: Seek medical attention and bring along these instructions.

#### Inhalation

Move to fresh air. If breathing is difficult, give oxygen. Get medical attention, if needed.

#### Ingestion

Rinse mouth thoroughly with water and give large amounts of water, if person is conscious. Get medical attention if any discomfort continues.

#### Notes to physician

In case of shortness of breath, give oxygen.

## Section 5 - Fire-fighting Measures

### Flammable properties

Non-flammable

### Extinguishing media

#### Suitable extinguishing media

Water. Foam. Dry powder. Carbon dioxide (CO<sub>2</sub>).

#### Unsuitable extinguishing media

None.

### Protection of firefighters

#### Specific hazards arising from the chemical

Fire will generate toxic and irritating gases. Solvent vapors may form explosive mixtures with air.

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## **Protective equipment and precautions for firefighters**

Use standard firefighting procedures and consider the hazards of other involved materials. Containers close to fire should be removed or cooled with water.

## **Special protective equipment for fire-fighters**

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

## **Specific methods**

In the event of fire, cool tanks with water spray. Use water spray to cool unopened containers.

## **Hazardous combustion products**

Carbon monoxide and carbon dioxide.

## **Section 6 - Accidental Release Measures**

### **Personal precautions**

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Avoid inhalation of vapors and contact with skin and eyes. Wear suitable protective clothing. See Section 8 of the MSDS for Personal Protective Equipment.

### **Environmental precautions**

Do not allow to enter drains, sewers or watercourses.

### **Methods for containment**

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop the flow of material, if this is without risk. Large quantities: Dike the spilled material, where this is possible. Prevent entry into waterways, sewers, basements or confined areas.

### **Methods for cleaning up**

Clean up in accordance with all applicable regulations. Remove sources of ignition. Beware of the explosion danger. Absorb spillage with non-combustible, absorbent material. Containers with collected spillage must be properly labeled with correct contents and hazard symbol. For waste disposal, see Section 13 of the MSDS.

## **Section 7 - Handling and Storage**

### **Handling**

Keep away from sources of ignition. No smoking. Use only at well-ventilated area. Avoid contact with eyes and /or skin. Avoid breath in gas or vapor.

### **Storage**

Keep container in a cool, dry and well-ventilated area at normal temperature. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame). Avoid produce of electrical spark. Storage away from sunshine or frost. Store locked up.

## **Section 8 - Exposure Controls and Personal Protection**

### **Engineering controls**

Provide adequate ventilation. Use explosion-proof equipment. Observe Occupational Exposure Limits and minimize the risk of inhalation of vapors. Provide easy access to water supply or an emergency shower.

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## Personal protective equipment

### Eye / face protection

Use approved safety goggles or face shield.

### Skin protection

Wear suitable protective equipment. Apron and long sleeves are recommended.

### Respiratory protection

A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever work place conditions warrant a respirator's use. Seek advice from supervisor on the company's respiratory protection standards.

### General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## Section 9 - Physical and Chemical Properties

### Color

White.

### Odor

Weak.

### Physical state

Pasty.

### pH

9.5

### Melting point

Not applicable.

### Freezing point

Not applicable.

### Boiling point

Not applicable.

### Flash point

Not applicable.

### Evaporation rate

Not applicable

### Flammability

Non-flammable

### Flammability limits in air, upper, % by volume

Not applicable

### Flammability limits in air, lower, % by volume

Not applicable

### Vapor pressure density

Not applicable

### Specific gravity

No data available.

### Solubility (water)

No data available.

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## Partition coefficient (n-octanol/water)

Not available.

## Auto-ignition temperature

No data available.

## Explosion limits Lower

No data available.

## Explosion limits Upper

No data available.

## Decomposition temperature

Not available.

## VOC

No data available.

## Viscosity

No data available.

## Density

No data available.

## Percent volatile

No data available.

## Section 10 - Stability and Reactivity

### Chemical stability

Stable under normal temperature conditions.

### Conditions to avoid

Heat, flames and sparks.

### Incompatible materials

Strong oxidizing agents. Strong bases. Strong acids.

### Hazardous decomposition products

Does not decompose at normal temperature.

### Possibility of hazardous reactions

Hazardous polymerization does not occur.

## Section 11 - Toxicological Information

### Acute toxicity

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Glycerol 56-81-5	= 12600 mg/kg ( Rat )	> 10 gm/kg Rabbit )	> 570 mg/m <sup>3</sup> /1H ( Rat )

### Sub-acute and Chronic Toxicity

None.

### Irritants

None.

### Allergenic

None.

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## **Carcinogenicity**

None.

## **Others**

None.

## **Section 12 - Ecological Information**

### **Eco-toxicity**

No data available.

### **Persistence and degradability**

No data available.

### **Bioaccumulative potential**

No data available.

### **Mobility in soil**

No data available.

### **Other harmful effects**

No data available.

## **Section 13 - Disposal Considerations**

### **Nature of waste**

No data available.

### **Disposal instructions**

Dispose of waste and residues in accordance with local authority requirements. Rags and the like, moistened with flammable liquids, must be discarded into designated fireproof bucket.

### **Contaminated packaging**

Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## **Section 14 - Transport Information**

### **Shipping name**

None.

### **Classification**

None.

### **Packaging Group (if applicable)**

None.

### **Marine pollutant (Y/N)**

No

### **Transport Attentions**

Examine whether the package of containers are integrate and tight-closed or not before transport. No divulgence, no collapse, no precipitation or no damage during the course of transportation. Don't put goods together with oxidizers and chief food chemicals.

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## Section 15 - Regulatory Information

### Labelling according to EU guidelines

The product have not been classified and marked in accordance with EU Directives/Ordinance on hazardous Materials.

### Conforms to Regulation (EC) No

1907/2006, 1272/2008

### Code letter and hazard designation of product

None

## Section 16 - Additional Information

### Hazard statement(s)

None

### Disclaimer

This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.

### Issue date

June 02, 2016

### Other Information

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.