

Safety Data Sheet

1. Identification of the Substances/Preparation and of the Company/Undertaking

Product Name: Paper tube glue, special adhesive for paper sucker

End use: Used in food grade paper tubes, fiber containers, paper tubularis or packaging of cartons

Manufacturer/Supplier: Ruian Xinhao glue Co., Ltd.

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2. Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] and its amending Regulations

Not classified as hazardous.

2.2 Label elements

Labeling according to Regulation (EC) No 1272/2008 [CLP] and its amending Regulations

Pictogram(s): Not applicable.

Signal Word: Not applicable.

Hazard Statement(s): Not applicable.

Precautionary Statement(s): Not applicable.

2.3 Other hazards

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

PBT/vPvB: Not meet.

3. Composition/Information on Ingredients

3.1 Substance: This product is a mixture.

3.2 Mixture:

Description of the mixture: Mixture, consisting of the following components:

Components Name	CAS#	EINECS#	Weight %	CLP Classification
Water	7732-18-5	231-791-2	50%	Not classified
Acetic acid ethenylester, homopolymer	9003-20-7	618-358-7	40%	Not classified
Poly(vinyl alcohol)	9002-89-5	618-340-9	10%	Not classified

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4. First-Aid Measures

4.1 First-aid measures

Eye Contact: Immediately flush eyes with plenty of water for several minutes, occasionally lifting the upper and lower eyelids. Get medical attention if symptoms occur.

Skin Contact: Wash with soap and water while removing contaminated clothing and shoes.

Inhalation: Move victim to fresh air.

Ingestion: If swallowed, rinse mouth and drink of amount of water. Seek immediate medical advice.

4.2 Most Important Symptoms and Effects, both Acute and Delayed:

Acute Symptoms: No relevant research data.

Delayed Symptoms: No relevant research data.

4.3 Indication of immediate medical attention and special treatment needed:

Note to Physician: Treat symptomatically.

5. Fire-Fighting Measures

5.1 Extinguishing Media:

Suitable Extinguishing Media: Non-flammable. Use water spray, dry chemical, carbon dioxide or non-fusibility foam to extinguish surrounding fire.

Unsuitable Extinguishing Media: High volume water jet.

5.2 Special Hazards Arising from the Substance or Mixture

Special Hazards: None explosion hazard.

Hazards Combustion Products: Carbon monoxide, carbon dioxide.

5.3 Advice for Firefighters: As in any fire, wear a self-contained breathing apparatus in pressure-demand, and full protective gear.

6. Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

For non-emergency personnel: Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

For emergency responders: Wear suitable protective equipment as in section 8. Ventilate enclosed areas.

6.2 Environmental Precautions: Do not let into waterways, sewers, basements or confined areas.

6.3 Methods and Materials for Containment and Cleaning Up:

For small leaks: Absorb with an inert dry material (e.g. dry sand or earth) and pour into the open area for evaporation or burial. Clean contaminated ground with soap or detergent, diluted the contaminated wash water before release into the waste water system.

For large leaks: Embank or take in holes first. Collect in a special container with a spark proof tool. Recycle or transport to waste disposal sites.

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6.4 Reference to Other Sections

Personal protection reference to section 8.

7. Handling and Storage

7.1 Precautions for Safe Handling:

Protective measures: Wear personal protective clothing and equipment. Avoid all source of unnecessary contact. Keep containers closed after using.

Advice on general occupational hygiene: Prohibit smoking, eating or drinking at work place. Wash after handling.

7.2 Conditions for Safe Storage, Including Any Incompatibilities:

Technical Measures and Storage Conditions: Storage area should be equipped with right material to collect leakage.

Packaging materials: Plastic drums/bottles/boxes

Requirements for storage rooms and vessels: Dry, cool and without direct sunlight storage rooms. Closed containers.

Further information on storage conditions: Do not store with strong oxidizing agents.

7.3 Specific End Use:

Recommendations: Only used as adhesive.

8. Exposure Controls/Personal Protection

8.1 Control Parameters

Exposure Limits: Not established.

8.2 Exposure Controls

8.2.1 Appropriate Engineering Controls: Provide enough natural or local ventilation. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

8.2.2 Personal Protective Equipment

Respiratory Protection: No special requirements with normal use. Wear a respiratory protection program that meets European Standard EN 143 when emergency.

Eye Protection: No special requirements with normal household use. Wear chemical safety glasses with side-shields conforming to EN 166 when emergency.

Hand Protection: Wear anti-solvents gloves, such as plastic or latex gloves.

Skin Protection: Wear general protective clothing.

Hygiene Measures: Maintain good hygiene habits. Do not eating, drinking or smoking at working place. Wash hands or shower after handling. Usually cleaning working clothing and protective equipments.

8.2.3 Environmental Exposure Controls: Avoid release to the environment directly.

9. Physical and Chemical Properties

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Form:	<i>Emulsion</i>
Color:	<i>Milky white</i>
Odor:	<i>Odorless</i>
PH:	<i>4-7</i>
Melting Point/Range:	<i>0 °C</i>
Boiling Point/Range:	<i>100-105 °C</i>
Flash Point:	<i>N/A</i>
Flammable:	<i>Non-flammable</i>
Explosion Limits in Air :	<i>N/A</i>
Auto-ignition Temperature:	<i>N/A</i>
Decomposition temperature:	<i>N/A</i>
Evaporation Rate:	<i>N/A</i>
Vapor Pressure:	<i>N/A</i>
Specific Vapor Density(Air=1):	<i>N/A</i>
Specific Gravity(Water=1):	<i>N/A</i>
Solubility in Water:	<i>Soluble in water</i>
Partition coefficient(n-octanol/ water):	<i>N/A</i>
Viscosity:	<i>N/A</i>

10. Stability and Reactivity

Reactivity: No data available.

Chemical Stability: Stable under suggest condition.

Possibility of Hazardous Reactions: No hazardous reactions under normal condition.

Conditions to Avoided: High temperature, excess heat.

Incompatible Materials: Strong acid, strong base and strong oxide agents.

Hazardous Decomposition Products: No known hazardous decompositions products under normal condition.

11. Toxicological Information

Acute Toxicity: Practically non-toxic.

$ATE_{mix} > 5,000\text{mg/kg}$ (Rat, Oral); $ATE_{mix} > 2,000\text{mg/kg}$ (Rat, Dermal).

Chemical Name	CAS#	EC No.	Acute toxicity		Genus
<i>Polyvinyl</i>	<i>9002-89-5</i>	<i>618-340-9</i>	<i>LD50 Oral</i>	<i>>20g/kg</i>	<i>Rat</i>

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			LD50 Dermal	>2,000mg/kg	Rat
			LC50 Inhalation	45mg/m ³ /2h/15d(Intermittent)	Rat
Acetic acid ethenylester, homopolymer	9003-20-7	618-358-7	LD Oral	>25000mg/kg	Rat

Skin Corrosion/Irritation: No skin irritation.

Serious Eye Damage/Eye Irritation: May cause mild irritation.

Respiratory or Skin Sensitization: No sensitization has been reported.

Germ Cell Mutagenicity: Not known to cause mutagenicity.

Carcinogenicity: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by IARC.

Reproductive Toxicity: Not known to cause reproductive toxicity.

STOT - Single Exposure: No relevant information.

STOT - Repeated Exposure: No relevant information.

Aspiration Hazard: No relevant information.

12. Ecological Information

Toxicity: Practically non-toxic.

Chemical Name	CAS#	EC No.	Acute toxicity		Species	Genus
Polyvinyl alcohol	9002-89-5	618-340-9	LC50	>1,000 mg/L/48h	/	Fish
			EC50	NA	/	Crustacean
			EC50	NA	/	Algae
Acetic acid ethenylester, homopolymer	9003-20-7	618-358-7	LC50	>1,000 mg/L/48h	/	Fish
			EC50	NA	/	Crustacean
			EC50	NA	/	Algae

Persistence and Degradability: Polyvinyl alcohol and Polyvinyl acetate is expected to not biodegrade.

Bioaccumulative Potential: The potential for bioconcentration in aquatic organisms is expected to be very low.

Chemical Name	BCF	Bioaccumulative potential
Polyvinyl alcohol	<0.99	Very low

Mobility in Soil: Polyvinyl alcohol and Polyvinyl acetate is expected to have low mobility and low volatility.

Results of PBT and vPvB Assessment: Neither a PBT nor vPvB product.

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Other Adverse Effects: Do not release to let the environment directly.

13. Disposal Considerations

Waste treatment methods

Product

Waste must be disposed of in accordance with relevant EC Directives and national, regional and local environmental control regulations.

Suggest burn at a well-ventilated place after drying.

Contaminated Packaging

Dispose of as unused product.

14. Transport Information

According to IATA, IMO/IMDG, ADR/RID

UN number: Non-applicable.

Proper shipping name or Technical Name: Non-applicable.

Transport Hazard Class: Non-applicable.

Packing Group: Non-applicable.

Environmental hazards for Transport Purposes: Marine Pollutant: No

Special precautions for user:

Special precautions: Non-applicable.

Physico-Chemical properties: See section 9.

Limited quantities: Non-applicable.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code: Non-applicable.

15. Regulatory Information

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

EU Regulations

Regulation (EC) 2037/2000, about substances that deplete the ozone layer: Non-applicable.

Article 95, REGULATION (EU) No 528/2012: Non-applicable.

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical product: Non-applicable.

Limitations to commercialization and the use of certain dangerous substances and mixture (Annex XVII REACH, etc): Non-applicable.

Information according 1999/13/EC about Limitation of Emission of Volatile Organic Compounds (VOC-guideline): Non-applicable.

15.2 Chemical Safety Assessment:

None Chemical Safety Assessment has been carried out for this substance by the supplier.

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16. Other Information

Further Information:

·This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

·This safety data sheet was prepared in accordance with REACH (EC) No 1907/2006, and Annex II and Regulation (EC) No. 1272/2008 (CLP) –Europe.

Department Issuing SDS: Ruian Xinhao glue Co., Ltd.

Issue Date: August 24, 2018

This SDS Service is provided by ZHEJIANG LANDER STANDARD TECHNOLOGY CO., LTD.

Signed for and on behalf of

Lander Testing Lab

Liu Lingnan

Liu Lingnan

Chemistry Lab Engineer

Date: August 24, 2018



*****End*****

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