

Material Safety Data Sheet

Date of printing:05.05.23

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1 Chemical product and company identification

DESCRIPTION: General purpose PVA Glue

PRODUCT TYPE: Polyvinyl Emulsion

APPLICATION: Bond the Paper, Wood and Cloth

Manufacturer/Supplier information

MSDS Prepared by:

JIALI STATIONERY CO.LTD

NANHAI CITY GUANGDONG CHINA

Tel: 0086-757-85320283

Fax: 0086-757-85323919

Emergency information

Poison Control Center

Tel: 0086-757-85320283

2 Compositions, Information on Ingredients

Ingredient: 1.Aqua 2. Polyvinyl Acetate 3. Polyvinyl Alcohol

<u>CAS NO.</u>	<u>%WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
7732-18-5	78%	N, A	none toxic chemical subject
9003-20-07/29300-54-7	16%	N, A	none toxic chemical subject
9002-89-5;25213-24-5	6%	N, A	none toxic chemical subject

	<u>ppm</u>	<u>mg/m3</u>
OSHA PEL-TWA:	N, A	N, A
OSHA PEL STEL :	N, A	N, A
OSHA PEL CEILING:	N, A	N, A
ACGIH TLV-TWA:	N, A	N, A
ACGIH TLV STEL:	N, A	N, A
ACGIH TLV CEILING:	N, A	N, A

Polyvinyl Emulsion formulation

Contains no hazardous ingredients

3 Hazards Identification

3.1 Emergency Overview

Appearance	White Emulsion
Odor	mild

Not an immediate health hazard.

Not a significant fire hazard

HMIS Rating

4=severe

3=serious

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HEALTH 1

2=moderate

FLAMMABILITY 0

1=slight

REACTIVITY 0

0=minimal

3.2 Potential Health Effects

Immediate Hazards

INGESTION: No hazards known

INHALATION: No hazards known

SKIN: No hazards known

EYES: No hazards known

Delayed Hazards

None of components present in this product at concentrations equal to or greater than 0.1% have been listed by NTP, classified by IARC, nor regulated by OSHA as a carcinogen.

4. First Aid Measures

INGESTION: if accidentally swallowed obtain immediate medicate medical attention. Do not induce vomiting. Immediately contact poison control center or hospital emergency room for any other additional treatment directions.

EYES: Immediately flush eyes with plenty of clean water, holding the eyelids apart and seek medical advice.

SKIN: Remove contaminated clothing. Wash skin thoroughly with soap and water.
Do not use solvents!

INHALATION: Obtain medical advice if you get sick.

5. Fire Fighting Measures

Auto ignition Temperature Not available

Upper/Lower Flammable Limits Not available

Upper/Lower Explosives Limits Not available

Flash Point >130°C

Will not burn unless water has evaporated.

Suitable extinguishing media: Alcohol resistant foam, carbon dioxide, powders, water spray

6. Accidental Release Measures

Protective measures

Personal; Ventilate the area and avoid breathing the vapors.

Environmental: Do not allow to enter drains. In case of uncontrolled discharge into natural bodies of water of soil inform local authorities

Procedure for

Soaking up/cleaning Contain and soak up spillage with non-combustible material, like sand or diatomaceous earth and place in container for disposal according to local regulations

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Clean preferably with soap or other suitable detergents Do not solvents.

7. Handling and Storage

7.1 Handling and Storage

Handle in accordance with good industrial hygiene and safety practices.

7.2 Storage

Keep from freezing

Store in a cool, dry place.

Keep containers tightly closed.

8. Exposure Controls/Personal Protection

8.1 Exposure Controls

No special control measures necessary under normal conditions of use.

8.2 Personal Protection

No special protection necessary.

8.3 Exposure Guidelines

None established.

9. Physical and chemical Properties

Percent Volatiles

50% water

PH@20°C

5.2±0.5

Specific Gravity

1.01g/ml

Appearance

white Emulsion

Auto ignition Temperature

Not available

Boiling Point

approx. 100°C

Vapor Density (Air=1)

>1

Vapor Pressure hPA @20°C

N/A kg/cm

Evaporation Rate (Butyl Ace tare=1)

Not available

Upper/Lower/Explosive Limits, % by Vol

Not available

Upper/Lower flammable Limits

Not applicable

Flash Point

>130°C

Freezing Point

<-5°C

Odor

mild, fruity

Odor Threshold. ppm

Not available

Solubility in Water

Completely soluble

Even dry can be washed out in soap and water

Viscosity(4#, 20/25°C)

2800±500 cps

Coefficient of water/Oil Distribution

Not available

10. Stability and Reactivity

Normally stable as defined in NFPA 704-12(4-3.1)

Conditions to Avoid:

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Exposure to heat and flame:

Incompatibilities:

Keep away from oxidizing agents, strongly alkaline strongly acid materials

Decomposition products may include:

Carbondioxide, Carbon monoxide and NO_x

Hazardous polymerization

Will not occur.

Other Hazards:

None known,

11. Toxicological information

There are no data available on the preparation itself.

Repeated or prolonged contact may lead to skin degreasing.

12. Ecological information

There are no data available on the preparation itself. The product should not be allowed to enter drains and natural bodies of water

13. Disposal Consideration

Recover free liquid, absorb residue and dispose of according to local, state/provincial, and natural bodies of water.

14. Transport information

According to ADR, cargo is non-hazardous.

According to IMDG, cargo is non-hazardous.

NOT classified as hazardous under transport regulation.

NOT REGULATED

15. Regulatory information (Selected Regulations)

15.1 U:S: Federal Regulations

OSHA Hazard Communication Standard 29CFR 1910.1200

This material is not a "health hazard" or a "physical hazard" as determined when reviewed according to the requirements of the Occupational Safety and Health Administration 29 CFR Part 1910.1200: "Hazard Communication" Standard.

SARA Title III: Section 311/312

Does not meet any hazard category

SARA Title III: Section 313 and 49 CFR Part 372

This product contains no toxic chemical subject to the reporting requirements of Section 313 of Title III of the Super. fund Amendments and Reauthorization Act of 1986. And Subpart

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C-Supplier Notification Requirement of 40 CFR Part 372

TSCA Section 8(b) inventory

All reportable chemical substances listed on the TSCA Inventory

We rely on certification of compliance from our suppliers.

15.2 Canadian Regulations

Workplace Hazardous Materials Information System (WHMIS)

This product has been classified in accordance with hazard criteria of the Controlled Products Regulation (CPR) and the MSDS contains all the information required by the CPR
Not a controlled product.

Canadian Environmental Protection Act (CEPA)

All reportable chemical substances are listed on the Domestic List (DSL) or otherwise comply with CEPA new substances notification requirements.

National Pollutant Release inventory (NPRI)

This product contains no chemicals subject to the reporting requirements of Canadian Environmental Protection Act (CEPA) subsection 16(1), National Pollutant Release inventory.

16. Other information

The foregoing information reflects our current knowledge and does not have the purpose of guaranteeing product properties, the users working conditions are beyond our knowledge and control. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instructions.

User' s Responsibility

The OSHA Hazard Communication Standard 29 CFR 1910.1200 and the Workplace Hazardous Materials information System (WHMIS) require that the information contained in these sheets be made available to you workers. Educates and train your workers regarding OSHA and WHMIS precautions. Instruct your workers to handle this product properly consult with appropriate experts to guard against hazards associated with use of this product and 1st ingredients. Take all necessary steps in order to fulfill the requirements laid down in the total rules and legislations.

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