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SAFETY DATA SHEET

Product Name: White Glue; School Glue; PVA Glue

Revision Date: 2019-07-22

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Shanghai Research Institute of Chemical Industry Testing Centre

SAFETY DATA SHEET

White Glue; School Glue; PVA Glue

SECTION1 PRODUCT AND COMPANY IDENTIFICATION

Product name: White Glue; School Glue; PVA Glue
Company: Jinhua Hongtai Stationery Co., Ltd
Address: Caozhai Town, Jinhua City, Zhejiang Province, 321031, P. R. China
Email: taipai@chinapai.com
Fax: 86-579-82889386
Emergency Phone: 86-579-82886828
SDS Number: 2614070015
SDS Date: 2019-07-22

SECTION2 HAZARDS IDENTIFICATION

Hazards Identification:

Classification of the GHS

Carcinogenicity (Category 2)

Specific target organ toxicity - repeated exposure (Category 2) (Respiratory system)

The hazards not mentioned are not applicable or no data available.

Emergency Overview:

Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure:
Respiratory system.

SECTION3 INFORMATION ON INGREDIENTS

Product name: White Glue; School Glue; PVA Glue

	Ingredient	Concentration	CAS No.	EC No.
X	Poly(vinyl alcohol)	25%	9002-89-5	/
	Vinyl acetate	1%	108-05-4	203-545-4
	Polyacrylamide	0.50%	9003-05-8	/
	Sodium bicarbonate	0.50%	827-27-0	212-568-9
	Water	73.00%	7732-18-5	231-791-2



SECTION4 FIRST-AID MEASURES**Skin Exposure:**

In case of contact, immediately wash skin with soap and copious amounts of water. If irritation persists, call a physician.

Eye Exposure:

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. If irritation persists, call a physician.

Inhalation Exposure:

If inhaled, remove to fresh air. If necessary, get medical attention.

Oral Exposure:

If swallowed, immediately wash out mouth with water provided person is conscious. Call a physician.

SECTION5 FIRE FIGHTING MEASURES**Extinguishing Media:**

Suitable: Water spray, Dry chemical, Carbon dioxide or appropriate foam.

Firefighting:

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

SECTION6 ACCIDENTAL RELEASE MEASURES**Procedure of Personal Precaution:**

Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation.

Methods for Cleaning up:

Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete.

Environmental precautions:

Do not let product enter drains.

SECTION7 HANDLING AND STORAGE**Handling:**

Wear appropriate protective clothing and safety gloves. Avoid inhalation. Avoid contact with eyes, skin and clothing. Mechanical exhaust required. Keep away from ignition sources, heat and flame.

Incompatibilities: Strong oxidizing agents, Acids, Bases, Peroxides. No smoking at working site.

Storage:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Keep away from heat, sparks, and flame. Keep away from sources of ignition. Incompatible: Strong oxidizing agents, Acids, Bases, Peroxides.

SECTION8 EXPOSURE CONTROL/PPE**Exposure Limits:**

Vinyl acetate:

ACGIH TLV(TWA): 10 ppm

ACGIH TLV(STEL): 15 ppm

Engineering Controls:

Mechanical exhaust required. Safety shower and eye bath.

Personal Protective Equipment:

Respiratory: Government approved respirator.

Eye: Chemical safety goggles if needed.

Clothing: Wear appropriate protective clothing.

Hand: Protective gloves.

Other Protect:

No smoking, drinking and eating at working site. Wash thoroughly after handling.

SECTION9 PHYSICAL/CHEMICAL PROPERTIES

Appearance:	White viscous liquid
Odor:	Weak penetrating odor
Flash Point (Closed Cup)/°C:	>96.0°C
pH Value:	4.5 (25°C, 50.0g/L)
Solubility:	Partial soluble in water
Density/Relative Density:	1.036×10 ³ kg/m ³ (20.0°C±0.1°C)

SECTION10 STABILITY AND REACTIVITY**Stability:**

Stable under normal temperatures and pressures.

Conditions to Avoid:

Exposure to light may affect product quality.

Materials to Avoid:

Strong oxidizing agents, Acids, Bases, Peroxides.

Hazardous Polymerization:

Will not occur.

Hazardous Decomposition Products:

Carbon oxides.

SECTION11 TOXICOLOGICAL INFORMATION**Acute toxicity:**

Poly(vinyl alcohol): Rat Oral LD₅₀: >20000mg/kg

Vinyl acetate: Rat Oral LD₅₀: 2900mg/kg

Rat Inhalation LC₅₀: 11400 mg/m³/4H

Rabbit Skin LD₅₀: 2335mg/kg

Skin corrosion/irritation:

No data available.

Serious eye damage/irritation:

No data available.

Carcinogenicity:

IARC: 2B - Group 2B: Possibly carcinogenic to humans (Vinyl acetate).

Specific target organ toxicity - repeated exposure:

May cause damage to organs through prolonged or repeated exposure: Respiratory system.

SECTION12 ECOLOGICAL INFORMATION**Toxicity:**

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Vinyl acetate:

Toxicity to fish LC₅₀ - Pimephales promelas (fathead minnow) - 14 mg/l - 96 h
 NOEC - Pimephales promelas (fathead minnow) - 0.16 mg/l - 28 d

Toxicity to daphnia and other aquatic invertebrates

EC₅₀ - Daphnia magna (Water flea) - 12.6 mg/l - 48 h

Toxicity to algae NOEC - Pseudokirchneriella subcapitata (green algae) - 1.58 mg/l - 96 h

EC₅₀ - Pseudokirchneriella subcapitata (green algae) - 12.7 mg/l - 96 h

Persistence and degradability:

Vinyl acetate: Biodegradability Result: 82 - 98 % - Readily biodegradable.

Bioaccumulative potential:

No data available.

Mobility in soil:

No data available.

SECTION13 DISPOSAL CONSIDERATION**Appropriate Method of Disposal of Substance:**

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

SECTION14 TRANSPORT INFORMATION

RID/ADR: Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA: Non-Hazardous for Air Transport: Non-hazardous for air transport.

IMO: Non-Hazardous for Sea Transport: Non-hazardous for sea transport.

SECTION15 REGULATORY INFORMATION**Regulation (EC) No. 1272/2008 and the amendments:**

Carcinogenicity (Category 2)

Specific target organ toxicity - repeated exposure (Category 2) (Respiratory system)

SECTION16 OTHER INFORMATION**Date:**

2019-07-22

Department:

Shanghai Research Institute of Chemical Industry Testing Centre /Shanghai Classification and Testing Centre of Dangerous Chemicals for State Administration of Work Safety
 Tel (Fax) :8621-52815377/52800971/52807275/52811034/52569800

Revision:

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Other Information:

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