

# Materials Safety Data Sheet

## Polyvinyl Chloride

### 1.) Basic Information

**Product Name:** Polyvinyl Chloride

**Synonyms:** PVC RESIN

**Manufacture:** JINHE ENTERPRISE CO.,LIMITED

### 2.) INFORMATION ON INGREDIENTS

	<i>EINECS</i>	<i>PERCENT</i>	<i>CAS NO:</i>
Polyvinyl Chloride	208-750-2	99-100%	9002-86-2

### 3.) HAZARDS IDENTIFICATION

**Emergency Overview:** Follow safe industrial hygiene practices when handling this compound.

**Potential Health Effects:** Irritating to the skin and eyes on contact. Inhalation will cause irritation to the lungs and mucous membrane. Irritation to the eyes will cause watering and redness. Reddening, scaling, and itching are characteristics of skin inflammation.

### 4.) FIRST AID MEASURES

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

**Skin Contact:** Flush skin with water. Wash clothing before reuse. Call a physician if irritation occurs.

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

**Ingestion Contact:** If swallowed, call a physician immediately.

### 5.) FIRE FIGHTING MEASURES

**Extinguishing Media:** Water spray.

**Special Fire Fighting Procedures:** Do not direct a solid stream of water or foam into burning molten material; this may cause spattering and spread the fire.

**Fire and Explosion Hazards:** No information found.

**Hazardous Combustion Products:** No information found.

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**Protective Measure in Fire:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

### 6.) ACCIDENTAL RELEASE MEASURES

**Personal Precaution in Spill:** Utilize recommended protective clothing and equipment.

**Environment:** Collect wash water for approved disposal. Keep from entering water or ground water.

**Spill Clean Up:** Clean spills in a manner that does not disperse dust into the air. Spill area can be washed with water.

### 7.) HANDLING/STORAGE

**Handling Precautions:** Store at ambient temperature. Avoid breathing dust. Avoid getting in eyes or on skin. Wash thoroughly after handling. Store in a dry place away from direct sunlight.

### 8.) EXPOSURE CONTROLS / PERSONAL PROTECTION

**Protective Equipment:** Use local ventilation if dusting is a problem, to maintain air levels below the recommended exposure limit.

**Process Conditions:** OSHA PEL: 0.5 ppm. ACGIH TLV: 10mg/m<sup>3</sup>

**Respirators:** Work ambient concentrations should be monitored and if the recommended exposure limit is exceeded, a NIOSH/MSHA approved dust respirator must be worn.

**Protective Gloves:** Wear PVC gloves.

**Eye Protection:** Wear safety glasses or goggles. Emergency showers and eye wash stations should be available.

**Other Protection:** Wear impervious boots and apron or coveralls.

**Hygienic Work Practices:** Employees should wash their hands and face before eating, drinking or using tobacco products.

### 9.) PHYSICAL / CHEMICAL PROPERTIES

**Appearance:** free-flowing powder

**Original Color:** white

**Odor/Taste:** odorless

**Specific Gravity:** 1.4± 0.02

**Solubility:** Insoluble

**Solubility Value:** Not applicable.

**Melting Point:** Decomposes above 250C

**Boiling Point:** Decomposes above 250C

**Decomp Temp:**

**Flash Point:**

**pH:**

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### 10.) STABILITY / REACTIVITY

<b>Stability:</b>	Stable
<b>Conditions to Avoid:</b>	Excessive temperatures, contact with strong oxidizers, contact with acetal or acetal copolymers, and contact with amine containing materials during processing (at processing conditions, these materials are mutually destructive and involve rapid degradation).

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### 11.) TOXICOLOGICAL INFORMATION

<b>Toxic Dose LD 50:</b>	No information found.
<b>Toxicological Info:</b>	No information found.
<b>Inhalation:</b>	Vinyl resin has little effect on the lungs and is not known to cause any disease when dust exposure is minimized. Routine inhalation of dust of any kind should be avoided.
<b>Skin:</b>	No information found.
<b>Eyes:</b>	No information found.
<b>Medical Symptoms:</b>	No adverse health effects are anticipated from this product at ambient temperature other than items stated in Section 3.

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### 12.) ECOLOGICAL INFORMATION

<b>Toxicity:</b>	No information found.
<b>Distribution:</b>	No information found.
<b>Chemical Fate:</b>	No information found.

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### 13.) DISPOSAL CONSIDERATIONS

<b>Disposal Methods:</b>	Waste disposal should be in accordance with existing federal, state and local environmental regulations.
<b>General Cleaning:</b>	

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### 14.) TRANSPORTATION INFORMATION

<b>DOT - GROUND TRANSPORTATION:</b>	<b>IATA/IMDG REGULATIONS:</b>
<b>Proper Shipping Name:</b> Polyvinyl Chloride	<b>Proper Shipping Name:</b> Polyvinyl Chloride
<b>Hazard Class:</b> Not regulated.	<b>Hazard Class:</b> Not regulated.
<b>UN. NO#:</b> Not regulated.	<b>UN. NO#:</b> Not regulated.
<b>Packing Group #:</b> Not regulated./ / Not regulated.	<b>Packing Group #:</b> Not regulated./ / Not regulated.
	<b>IMDG EMS:</b> Not regulated.

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**Shipping Options for this product include:**

**Transportation Notes:** No

### 15.) REGULATORY INFORMATION

#### Chemical Inventory Status Part 1

Ingredient:	CASNO:	TSCA:	EINECS:	China:	Japan:	Australia:
Polyvinyl Chloride	9002-86-2	No	No	No	No	No

#### Chemical Inventory Status Part 2

Ingredient:	CASNO:	Korea:	DSL:	NDSL:	Phil.:
Polyvinyl Chloride	9002-86-2	No	No	No	No

#### Federal, State, International Regulations- Part 1

Ingredient:	CASNO:	SARA 302:		SARA 313	
		RQ:	TPQ:	LIST	Chemical Catg:
Polyvinyl Chloride	9002-86-2	No	No	No	No

#### Federal, State, International Regulations- Part 2

Ingredient:	CASNO:	RCRA 261.33:	TSCA 8(d):	CERCLA
Polyvinyl Chloride	9002-86-2	No	No	No

#### Additional Items

Chemical Weapons Convention:	Acute:	TSCA 12(b):	CDTA:	SARA 311/312:	Reactivity:	Chronic:
No	No	No	No	No	No	No

Fire	Pressure:	Australian HazChem Code:	Poison Schedule:	WHMIS:
No	No	No	No	No

### 16.) INFORMATION SOURCES

**Issue date:** 05/24/2018

**Validity date:** 05/23/2023

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**Disclaimer:**

All information contained in this MSDS should be provided to the user's employees and/or customers. The information contained herein relates only to the environmental, health and safety precautions for the product and is not intended to be relied upon as technical specifications for commercial or other purposes. Do not use the ingredient information and/or ingredient percentages in this MSDS as product specification. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process. This information is intended only as a guide to the appropriate precautionary handling of the product by a properly trained person. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. Users are responsible to verify the applicability of this information under their own operating conditions to determine whether the product is suitable for a particular purpose and assume all risks of use, handling and disposal of the product, or from the publication, reliance upon or other use of the information contained herein. This information is furnished without warranty, expressed or implied; and is based upon data obtained from the manufacturer and/or recognized technical sources. We expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose, with respect to the product of information provided herein, and shall under no circumstances be liable for incidental or consequential damages. we assumes no responsibility for use, or reliance upon this information. Compliance with all applicable federal, state and local laws and regulations remains the responsibility of the user.

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