

Material Safety Data Sheet

Material: B-100
Version: 20221229

1: Identification of the substance / company information

1.1 Product identifier

Commercial product name: B-100
Product identifier: Polyvinylchloride
CAS No.: 9002-86-2

1.2 Manufacturer / Supplier Identification

Manufacturer/distributor: Yunnan Zhengbang Technology Co., Ltd
Street/POB-No.: 17th floor, Wanpai center, Longhua road, Panlong district
Postal code/city: 650224 Kunming
Country: P.R. China

1.3 Emergency telephone number

Telephone: +86 871 63332488
Telefax: +86 871 63859977

2: Hazards identification

2.1 Hazards Category

Polyvinyl Chloride belongs to no category of hazards.

2.2 Hazard warning for health

Polyvinyl Chloride contains no significant toxicity, but should avoid to breath a lot of dust or contact with skin and eyes.

2.3 Environmental influence

Avoid arbitrary dismissed which caused powder float in the sky, thus polluted the air.

2.4 Physical and chemical hazard

Avoid contact with fire source, cause burning risk.

2.5 Main symptom

Feel a slight discomfort when eyes contact, and have difficulty in breathing when inhaled.

2.6 Other

None

3: Composition / Information on ingredients

3.1 Chemical characteristics

English Name: Polyvinyl Chloride
CAS No.: 9002-86-2
Chemical formula: $(C_2H_3Cl)_n$

4: First aid measures

- 4.1 Skin Contact: No special measures required.
Eye Contact: Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation.
Inhalation: Remove from exposure area to fresh air immediately. Give artificial respiration if no breathing.
Get immediate medical attention.

5: Fire aid measures

5.1 Suitable extinguishing media

water, foam, carbon dioxide, extinguishing powder.

5.2 Chemical special risks

Non-combustion

5.3 Heat generates toxic fumes of the following

-hydro chloride, -carbon monoxide, -carbon dioxide

5.4 Special protective equipment for fire fighting

wear self-contained breathing apparatus.

6: Accidental release measures

6.1 Person-related precautionary measure

Do not inhale dust use dust mask; Ensure good ventilation and local exhaustion of the working area.

6.2 Methods and material for containment and cleaning up

Damp down, absorb mechanically and dispose according to local/state/federal regulations.

7: Handling and storage

7.1 Precautions for safe handling

Avoid dust formation. Ensure adequate ventilation.

Observe the general rules of preventive industrial fire protection and dust explosion protection.

7.2 Storage

Observe precautionary measures against dust explosion.

Do not store together with combustible substances.

8: Exposure controls/personal protection

8.1 Breathing system protection

Wear self-inhalation filter type dust mask when dust density in the air is above the standard.

8.2 Eye protection

Wear chemical safety glasses.

8.3 Hand protection

Protective gloves are not normally required for handling the product.

8.4 Skin protection

not required.

9: Physical and chemical properties

Form:	powder	Shape:	white powder
Color: white	white	Odor:	odorless
pH value:	not applicable	Melting temperature:	not applicable
Decomposition temperature:	100°C	Flash point:	not applicable
Autoignition temperature:	not applicable	Explosion limits:	dust explosion class St1
Vapor pressure:	--	Vapor density:	not applicable
Density (23°C):	1.4 (water=1)	Solubility in water:	virtually insoluble

10: Stability and reactivity

10.1 Stability

This material is considered stable under specified conditions of storage, shipment and / or use.

10.2 Conditions to avoid

not applicable

10.3 Hazardous decomposition products

Thermal decomposition may yield the following: -hydro chloride, -carbon monoxide, -carbon dioxide

11: Toxicological information

11.1 No toxicological test data is available for the whole product.

11.2 Further toxicological information

By handling the product for many years no damage to health was observed.

12: Ecological information

For the product as a whole, no test data is available.

13: Disposal considerations

13.1 Waste treatment methods

Material

Observe local/state/federal regulations.

Uncleaned packaging

Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations.

14: Transport information

Dangerous goods code :	not regulated
UN Number:	not regulated
Packing mark:	PVC
Categories of packing:	Z01
Cautions during transportation:	Complete package. Avoid solarization, rain and high temperature.

15: Regulatory information

Follow all regulations in your country.

16: Other information

16.1 Material

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16.2 Further information

None

- End of Safety Data Sheet -