

SAFETY DATA SHEET

Page 1 of 3

1. Chemical and manufacturer information

Chemical Product Name: PVC (Polyvinyl Chloride) .
Other names: PVC Powder , PVC RESIN .
Suggested use and restrictions on use: - .
Manufacturer/ supplier identification Company : FORMOSA PLASTICS CORPORATION MAILIAO PLANT.
Emergency Telephone/FAX NO : 886 +56818032~34 /886 +56812118

2. Hazard identification data

Classification of chemical hazards: Polyvinyl chloride (PVC Powder) is not dangerous and hazardous , so there is no hazard classification .
Health hazard effects: PVC has no significant toxicity , but avoid inhaling a large amount of dust or direct contact with skin and eyes .
Environmental impact: Avoid arbitrary discarding , which will cause PVC dust to fly and cause air pollution .
Physical and chemical hazards: Avoid contact with fire sources , which may cause burning hazards .
Special hazards: - .
Main symptoms: Slight irritation and discomfort when in contact with the eyes , and discomfort when breathing is not smooth when inhaled .
Other hazards: - .

3. compositional identification information

Pure substance:
English name: PVC (Polyvinyl Chloride) .
Synonymous name: PVC Powder .
Chemical Abstract Service Registration Number (CAS No.): 9002-86-2 .
Hazardous substance composition (percentage of composition): None .

4. First aid measures

First aid methods for different exposure routes: Inhalation: 1. Moved away from the exposure area 2. If breathing has stopped apply artificial respiration or CPR 3. Promptly send doctors . Skin contact: Rinse with water or soap. Eye contact: Immediately rinse thoroughly with water until the irritation subsides. Ingestion: - .
The most important symptoms and harmful effects:- .
Protection of first aid personnel:- .
Tips for doctors:- .

5. Fire fighting measures

Suitable extinguishing media: 1. Foam 2. Carbon dioxide 3. Water mist 4. Dry chemical .
Special hazards that may be encountered during fire fighting:- .
Special fire-fighting procedures: 1. Fire extinguishers should be equipped with self-contained breathing apparatus. 2. PVC resin will not burn, but if it is heated continuously, it will easily decompose to produce HCL , CO , CO ₂ in the fire .
Special protective equipment for firefighters : Firefighters must wear air breathing apparatus, fire fighting clothes and protective gloves.

6. leakage treatment method

Individuals should pay attention to: - .
Environmental precautions:- .
Cleaning method: 1. Shovel into a suitable container for reuse or disposal. 2. Since HCL will be released , it cannot be incinerated. 3. Move to a well-ventilated place.

7. Safe disposal and storage methods

Disposal: - .
Store: 1. PVC resin contains a small amount of residual VCM , which will volatilize into a suspected carcinogen when heated in a closed container, tanker or storage tank. 2. Keep away from heat, sparks and flames. 3. The storage tank area should be properly ventilated.

8. Exposure prevention measures

Engineering control: The work area must be designed with adequate ventilation and removal.
Control parameter: 8 hour daily hourly average allowable concentration/short-time hourly average allowable concentration/maximum allowable concentration:- / - / - . Biological indicators:- .
Personal protective equipment: Respiratory protection: wear a dust mask . Hand protection: - . Eye protection: chemical safety goggles . Skin and body protection: - .
Hygiene measures: 1. Wear dust masks, protective glasses and other protective equipment when working.2. Develop good hygiene habits, do not eat or drink in the workplace , and wash hands before eating.

9. Physical and Chemical Properties

Material state: Powder .	Shape: WhitePowder .
Color: white .	Odor: tasteless .
PH Value:- .	Boiling point/boiling point range: -°C .
Decomposition temperature:- .	Flash point : -°C . Test method:- .
Auto-ignition temperature:- .	Explosion limit:- .
Vapor pressure:- .	Vapor density:- .
Density: 1.4 (water = 1) .	Solubility:- .

10. Ann qualitative and reactivity

Stability: stability .
Possible hazardous reactions under special conditions: - .
Situations to avoid:- .
Substances to avoid: Heat and High temperature .
Hazardous decomposition products: HCL , CO , CO ₂ .

11. toxicity data

Acute toxicity: Inhalation: - Leather Skin: - Eye eye : - Fresh into: - LD50 (test animal, absorption route) :- mg/kg LC50 (test animal, absorption route) :- mg/kg

SAFETY DATA SHEET

Page 3 of 3

Local effect:- .
Sensitivity:- .
Chronic or long-term toxicity:- .
Special effects:- .

12. ecological data

Possible environmental impact/environmental spread :- .
--

13. waste disposal methods

Disposal methods: - .

14.Transport Information

International shipping regulations:- .
UN number:- .
Domestic transportation regulations: 1. Article 84 of road traffic safety regulations 2. Ship dangerous goods loading regulations . 3.The implementation rules of Taiwan Railway Administration for the handling of dangerous goods .
Special transportation methods and precautions: IATA - Not applicable.

15.Regulatory Information

Applicable Regulations: Occupational Safety and Health facilities rules, hazardous chemicals labeled and Liberal rule, labor work places allow exposure standards, road traffic safety rules, industrial waste treatment and storage facilities clear standards .
--

16.other information

References	- .
Watchmaker unit	Name: Taiwan Plastics Corporation Mailiao Plastic Factory .
	Address / Telephone: No.1, Formosa Plastics Industrial Park, Mailiao Township , Yunlin County / 05-6818032 .
Watchmaker	Title: S.H.E. Engineer Name (signature): Jia-Dian Li
Tabulation date	01.05.2024
Preparation Note	The symbol " - " in the above data indicates that there is no relevant data currently found, and the symbol " / " indicates that this column is not applicable to the substance.

The above information was prepared by "Taiwan Plastic Industry Co., Ltd. Mailiao Plastic Factory " based on references . All data and information are for reference only