



Material Safety Data Sheet

1、 Identification of the material and company

Material identity:
Trade name: PVC FOAM BOARD
Producer/Supplier: FUJIAN CHANGXIN PLASTIC WOOD CO.,LTD. NO.10,ZHONGHUA ROAD,ECONOMIC ,DEVELOPMENT ZONE (WULI PARK), JINJIANG CITY,QUANZHOU CITY,FUJIAN PROVINCE, CHINA
Emergency Phone / Fax: 86-0595-88183588 / 86-0595-88185666

2、 Composition / Information on Ingredients

Chemical Name: Polyvinyl Chloride
Synonyms: Polyvinyl Chloride resin, Chloroethylene polymer, Chloroethylene Homopolymer.
Ingredient percent (%): Main constituent is Polyvinylchloride.
Chemical Abstracts Number (CAS No.): 9002-86-2
Dangerous components: NONE

3、 Human Health Data

Emergency Overview: During a fire emergency, avoid inhalation, eye and skin contacts.
Primary Routes of Exposure: Inhalation, Eye, Skin Contact.
<u>Potential Health Effects and Symptoms of Over-Exposure</u>
Eye Contact: Dust may cause eye irritation.
Skin Contact: May cause skin irritation
Skin Absorption: This material is a dry solid powder; absorption is unlikely.
Ingestion: Unlikely.
Inhalation: May cause discomfort in nose and throat. Exposure to low levels of PVC dust is not expected to present a hazard.
Medical Conditions Aggravated by Overexposure: Available toxicological information and the physical/chemical properties of the material suggest that there is no evidence that this product aggravates an existing medical condition.
Chronic Effects / Carcinogenic: NTP: No. IARC: NO. OSHA: NO.

4、 First Aid Measures

Inhalation: No adverse effects anticipated by breathing small amounts during proper
Industrial handling: If high dust exposure occurs, remove victim to fresh air and get medical attention.

Skin Contact: Wash off in flowing water or shower.

Eye Contact: Immediately flush with water for at least 15 minutes. Do not rub the eyes. Obtain medical attention if eye irritation occurs. Ingestion: Unlikely.

Notes to Physician: Treat symptomatically and supportively.

Other Instructions: Never give anything by mouth to an unconscious person.

5、 Fire Hazard Data and Fighting Measure

Flammable Limits In Air:

Lower Explosive Limit (LEL, %): Not Applicable.

Upper Explosive Limit (UEL, %): Not Applicable.

Auto ignition Temperature: Not Applicable.

Flash Points: Not Applicable.

Fire Extinguishing Media: Carbon dioxide, foam water, or dry chemical.

Unusual Fire and Explosion Hazards: This product is nonflammable and nonexplosive under normal conditions of use. It will not continue to burn after ignition without an external fire source. When forced to burn, the major gaseous products of the combustion of PVC are carbon monoxide, carbon dioxide, and hydrogen chloride.

Special Fire Fighting Procedures: In the event of a fire, wear NIOSH approved, positive pressure, self-contained breathing apparatus (SCBA) and full protective clothing. Evacuate all personnel from danger area. Use dry chemical, foam, water or carbon dioxide to extinguish fire.

6、 Accidental Release Control Measures

Response to Spills: Not applicable.

7、 Handling and Storage

Handling: Use with care. Wear gloves if necessary when cutting or fabricating board.

Storage: Store in a cool dry, well-ventilated area away from sources of extreme heat or fire.

Container Use: Not applicable

8、 Exposure Controls / Personal Protection

Engineering Controls: Ventilation Requirements - Local Exhaust. Respiratory Protection: Use NIOSH/MAHA approved dust respirators as needed.

Eye Protection: Wear safety glasses during sheet cutting or fabricating process. If there is a potential for exposure to particles that could cause mechanical injury to the eye, wear chemical goggles.

Skin Protection: Wear gloves and long sleeved clothing when cutting or fabricating sheets. No precautions other than clean clothing should be needed.

Exposure Guidelines:

No.	Components	OSHA-PEL	ACGIH-TLV
1	PVC	5 mg/M3 (as respirable dust)	10 mg/M3 (as nuisance dust)

9、 Physical and Chemical Properties / Characteristics

Physical Form: Foam Board / Solid Board	Colour: finished board with colors specified
Odor: Odorless / Insignificant	Boiling Point / Boiling Range: Not applicable
Melting Point: Not applicable	Freezing Point: Not applicable
Solubility in Water: Insoluble	Specific Gravity: 0.08 - 0.8 g/cm ³ range
Vapor Density: Not applicable (air = 1)	Evaporation Rate: Not applicable (Butyl Acetate = 1)
Vapor Pressure: Not applicable	% Volatile: Not applicable.
PH Value: Not applicable	

* The physical data presented above are typical values and should not be construed as a specification.

10、 Stability and Reactivity

Stability: Stable under normal conditions.

Conditions to Avoid: Avoid fire or elevated temperature above 250°C.

Polymerization: Hazardous polymerization will not occur.

Hazardous Decomposition Products: If burned, it will generate carbon dioxide, carbon monoxide and hydrogen chloride.

11、 Toxicological Information

Animal Toxicity

Oral: Rat, TDLO 210g/kg/30W-C: Equivocal tumorigenic agent

Implant: Rat, TDLO 75 mg/kg: Equivocal tumorigenic agent

TDLO = Lowest toxic dose in a given species by a given route of exposure.

While PVC is generally considered an inert polymer, exposure to PVC dust has been reported to cause lung changes in animals and humans, including decreased respiratory capacity and inflammation.

12、 Ecological Information

Environmental Fate:

Aquatic: No data available

Biodegradation: Not subject to biodegradation

Ecotoxicity: No data is available on the adverse effects of this product on the environment. Neither COD or BOD data are available.

13、 Disposal Considerations

Disposal Method: It must be disposed of in accordance with Federal, State and local environmental control regulations.

Recycle/Reclaim: Recycling of PVC sheet should be encouraged where possible.

14、 Transport Information

DOT Shipping Name: Not listed.

DOT Label: Not applicable.

DOT Hazard Class: Not regulated.

UN/NA Number: Not applicable.

Hazard Label(s): Not applicable.

Hazard Placard(s): Not applicable.

Packing Group: Not applicable.

Bulk Packaging: Not applicable.

RQ: Not applicable.

Emergency Response Guide (ERG) No.: Not applicable.

15、 Regulatory Information

OSHA Status: Not listed.

EPA Clean Air Act Status: Not listed.

EPA Clean Water Act Status: Not listed.

TSCA Status: Polyvinyl Chloride is listed on the TSCA inventory.

CERCLA RQ: Not Applicable

SARA Title III

PVC

Section 302*

None

Section 313**

None

Section 311/312***

None

*Reportable quantity of extremely hazardous substance, Sec. 302

*Threshold planning quantity, extremely hazardous substance, Sec. 302

**Toxic chemical. Sec. 313

**Category as required by Sec 313 (40CFR372.65C). Must be used on Toxic Release Inventory form.

***Hazard category for SARA Sec.311/312 reporting H1=acute health hazard, H2=chronic health

hazard, P3=fire hazard, P4=sudden release of pressure hazard, P5=reactive hazard

RCRA Status:The product is not an RCRA hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal whether a material containing the product or derived from the product should be classified as a hazardous waste (40CFR261.20-24).

16、 Other Information

The information provided is based on our actual knowledge. This is not a technical sheet for use of the product. It is a reference for handling the products.

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