

Material Safety Data Sheet

Product Name: : PVC Foamed Board (White)

Applicant: : Shanghai High Designs Co., Ltd.

Address: : ROOM 903,BUILDING 3,LANE 77,SONGYA
ROAD,QINGPU,SHANGHAI

Signed by Shanghai ICTS Group

Written by: **Monica Fan**



Date: 27th March. 2024

Material Safety Data Sheet (MSDS)

Part 1 –Identification of the substance and of the company/undertaking

1.1 Product identification:

Identification on the label

/Trade name:

PVC Foamed Board (White)

UFI:

No information

1.2. Relevant identified and recommended uses of the substance or mixture:

1.3. Manufacturer Information:

Supplier(Manufacturer):

Haian Taopu New Material Technology Co. , Ltd.

Address:

No. 8 RONGGANG RD.BINHAI NEW AREA ,HAIAN
CITY,NANTONG,JIANGSU

Contact:

Zengrui Du

Telephone:

15221168235

1.4 Emergency telephone Number:

Contact:

Fuyun Du

Telephone:

15221882388

Email:

hi.designs@163.com

Part 2 –Hazards Identification

2.1 Classification of the substance or mixture:

GHS label elements:

This product is not a hazardous substance or mixture.

2.2 Label elements:

Hazard Pictograms:

None.

Signal Word(S):

None.

Preventive instructions:

Waste disposal:

Dispose of contents/container in accordance with local/regional/
national/international regulations.

2.3 Other hazards:

VPvB substance: Not applicable.

PBT substance: Not applicable.

Endocrine disturbance characteristics: the product does not meet the
standard.

Part 3 - Composition/information on ingredients

3.1 Substance

3.2 mixture

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Chemical Name		In % By Weight	CAS No.	Molecular Formula	Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE)
PVC		66	9002-86-2	(C ₂ H ₃ Cl) _n	-
Light calcium carbonate		14	471-34-1	CaCO ₃	-
Auxiliary	Stabilizer	20	NA	NA	-
	Impact modifier		NA	NA	-
	Blowing agent		NA	NA	-
	Plasticizer		NA	NA	-
	Anti-aging agent		NA	NA	-
	Lubricant		NA	NA	-
	Activation agent		NA	NA	-

Part 4 –First aid measures

4.1 Description of first aid measures:

- In case of skin contact:** None expected to require first aid measures. Remove contaminated clothing and shoes immediately. Rinse immediately with plenty of water and soap. Get medical attention immediately.
- In case of eyes contact:** None expected to require first aid measures. If in eyes: Rinse carefully with water for at least 15 minutes, remove contact lenses, and continue to rinse if available and easy to do. Get medical attention immediately.
- In case of inhalation:** None expected to require first aid measures. Remove to fresh air. Perform CPR if there is no pulse or respiration. Consult a physician.
- In case of ingestion:** Immediate first aid is not likely to be required. A physician or poison control center can be contacted for advice.

4.2 The most important symptoms and effects, both acute and chronic

The most important known symptoms and effects are described on the label (see Section 2.2) and/or Section 11.

4.3 Signs of need for immediate medical treatment and special treatment

Symptomatic treatment.

After the above measures, contact the doctor and receive the doctor's treatment as needed.

Part 5 - Fire-Fighting measures

Danger characteristic: It is apt to flame under the condition of fire.

5.1 Extinguishing agent:

Suitable fire extinguishers: Use dry powder to extinguish fire.

5.2 Specific hazards arising Combustion may produce carbon oxides.

Report No.: CT20240326098/1582
from the substance or mixture:
CO, CO₂, HCl

5.3 Special protective equipment for firefighters: The staff must equip with filter mask (full mask) or isolated breathing apparatus, wear clothes which can defense fire and toxic gases. Put out the fire in the upwind direction. Remove the container to the open space as soon as possible. Spray water on the containers in the fireplace to keep them cool until finish extinguishment. Media: hazy water, foam, powder, CO₂, sandy clay.

Part 6 –Accidental release measures.

- 6.1. Personal precautions, protective equipment and emergency procedures** Cut off the fire source. It is suggested that the staff wear self-contained breathing apparatus and dress in usual working clothes. Shut off the divulgence source as possible.
Refer to Section 8 for personal protection.
- 6.2. Environmental precautions** Avoid releasing into the environment.
Please inform the local government if you can't handle the recycling.
- 6.3. Methods and material for containment and cleaning up** Small divulgence: clean off and transport to safe place. Massive divulgence: recycle or transport to waste treatment place for handling.
- 6.4 Refer to other sections:** For information on safe operation, refer to section 7.
For information on personal protective equipment, see Section 8.
See section 13 for disposal information.

Part 7 - Handling and storage

- 7.1 Handling:** Supply with natural air exhaust. The operating staff must have received special training and abide by the operating regulations. It is advised that the staff wear work clothes and gloves. Keep away from fire and heating sources. No smoking in the workplace. Avoid contacting with oxidizers. Take care when transport, prevent damaging the packing and container. Equip with relevant types and quantities of extinguishment instruments and device for divulgence handling.
- 7.2 Storage:** Keep the sample in the cool, dry and well-ventilated place. Keep away from fire and heating sources. Keep separately from oxidizers, no mixing storage. Equip with relevant types and quantities of the extinguishment instruments. The storage place should be equipped with suitable shelter materials for divulgence handling.

Part 8 - Exposure control/personal protection

8.1 Occupational exposure limits:

Report No.: CT20240326098/1582

Chemical name	Source	Value
Light calcium carbonate	NIOSH IDLH	TWA: 10 mg/m ³ TWA: 5 mg/m ³

8.2 Engineering measures: Keep away from heat and open fire.

8.3 Individual protection measures, such as personal protective equipment:

Respiratory Protection: Normally not required. In case of fire, self-contained breathing apparatus must be worn.

Skin & body protection: Normally not required. In case of leakage, use chemical resistant rubber gloves when handling.

Eye protection: Normally not required. Wear safety glasses when handling leaks.

Hygienic protection: Do not eat, drink or smoke in the place where the battery is stored. Wash hands after handling leakage.

Part 9 - Physical and chemical properties

9.1. Information on basic physical and chemical properties

	Test Method
Appearance :	Solid.
Colour:	White.
Odor:	Odorless.
Odor threshold:	Not applicable.
Molecular weight:	Not applicable.
Molecular formula:	Not applicable.
Molar mass:	Not applicable.
PH:	Not applicable.
Specific gravity:	Not applicable.
Melting point/range (°C):	Not applicable.
Boiling point (°C):	Not applicable.
Solidification point:	Not applicable.
Flash point:	Not applicable.
Auto-ignition temperature:	Not applicable.
Ignition temperature:	Not applicable.
Ignition point:	Not applicable.
Flammability:	Not applicable.
Upper/lower flammability or explosion limit:	Not applicable.
Decomposition:	Not applicable.
Relative density (Water=1) :	Not applicable.
Volume density:	Not applicable.
Solubility:	Insoluble in water.
Vapor pressure:	Not applicable.
Vapor density:	Not applicable.
Volatilization rate:	Not applicable.

Report No.: CT20240326098/1582

Viscosity:	Not applicable.	
Solid content:	Not applicable.	
9.2 Other information:		
Combustion growth rate index FIGRA_{0.4MJ}	234.5.	GB/T 20284-2006
(W/s):		
Flame lateral spread LFS < lateral edge:	Yes.	GB/T 20284-2006
Total heat release in the first 600 seconds THR_{600s}	13.8.	GB/T 20284-2006
(MJ):		
60s internal flame tip height ≤ 150mm:	Yes.	GB/T 8626-2007 Ignite for 30 seconds
Does the combustion droplets within 60 seconds ignite the filter paper:	No.	GB/T 8626-2007 Ignite for 30 seconds
Formaldehyde release:	0.01mg/m ³ .	GB18580-2017

Part 10 - Stability and reactivity

10.1 Stability:	Stable under normal temperature and pressure.
10.2 Hazardous reactions:	The product is stable when stored and used under normal ambient temperature.
10.3 Conditions to avoid:	Heat source, fire source.
10.4 Incompatibility:	Strong acids, strong bases and strong oxidizing agents.
10.5 Harmful decomposition products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Part 11 –Toxicological information

11.1 Information on toxicological effects:

Acute toxicity:	According to the available data, the classification criteria are not met. Light calcium carbonate: LD50 Oral - Rat - 6,450 mg/kg
Skin irritation or corrosion:	According to the available data, the classification criteria are not met. Light calcium carbonate: Skin - Rabbit Result: No skin irritation (OECD Test Guideline 404)
Eye irritation or corrosion:	According to the available data, the classification criteria are not met.
Skin sensitization:	According to the available data, the classification criteria are not met.
Respiratory sensitization:	According to the available data, the classification criteria are not met.
Germ cell mutagenicity:	According to the available data, the classification criteria are not met.
Carcinogenicity:	According to the available data, the classification criteria are not met.
Reproductive toxicity:	According to the available data, the classification criteria are not met.

Report No.: CT20240326098/1582

Specific target organ system toxicity - single exposure: According to the available data, the classification criteria are not met.

Specific target organ system toxicity - repeated exposure: According to the available data, the classification criteria are not met.

Aspiration hazard: According to the available data, the classification criteria are not met.

11.2 Additional Notes: Endocrine disturbance characteristics: the product does not meet the standard.

Part 12 –Ecological information

12.1 Acute toxicity: No data available.

12.2 Persistence and degradability: No data available.

12.3 Bioaccumulative potential: No data available.

12.4 Mobility in soil: No data available.

12.5 PBT and vPvB assessment results:

PBT: No data available.

vPvB: No data available.

12.6 Characteristics of endocrine disturbance: No data available.

12.7 Other adverse effects: No data available.

Part 13–Disposal considerations

13.1 Waste treatment methods Please refer to the requirements of relevant laws and regulations of your country or region before disposal.

13.2 Packaging: Please refer to the requirements of relevant laws and regulations of your country or region before disposal.

Part 14 - Transport information

14.1.UN Number: Non hazardous chemicals.

ADR, IMDG, IATA

14.2.UN proper shipping name: Non hazardous chemicals.

ADR, IMDG, IATA

14.3.Transport hazard class(es): Non hazardous chemicals.

Report No.: CT20240326098/1582
ADR, IMDG, IATA

Secondary risk: Non hazardous chemicals.

14.4.Packing group Non hazardous chemicals.

ADR, IMDG, IATA

14.5.Environmental hazard: No information.

14.6.Transportation Notes:

Examine whether the package of the containers are integrate and tighten closed before transport. No divulgence, no collapse, no precipitation or no damage during the course of transportation. During transport, the vehicle should prevent exposure, rain and high temperature. For stopovers, the vehicle should be away from fire and heat sources. Don't use engine device and tools which can easily produce spark for loading. When transported by sea, the assemble place should keep away from bedroom and kitchen, and isolated from the engine room, power and fire source. The sample is not regulated for transport of dangerous goods.

14.7 Bulk transportation according to Annex II of Marpol and IBC specifications: No information.

Part 15 –Regulation information

15.1 GHS Labelling Elements:

GHS Labelling Elements: Classification and labelling are carried out according to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

15.2 Chemical safety assessment

For this mixture, no chemical safety assessment has been carried out.

Part 16 –Other information

MSDS Tabulation Date: 27th March. 2024

Abbreviations and acronyms:

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
vPvB: very Persistent and very Bioaccumulative
ACGIH: American Conference of Governmental Industrial Hygienists (USA)
OSHA: Occupational Safety and Health Administration (USA)
NTP: National Toxicology Program (USA)
IARC: International Agency for Research on Cancer
EPA: Environmental Protection Agency (USA)

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Report No.: CT20240326098/1582

This MSDS was prepared sincerely on the basis of the information we could obtained, however, any warranty shall not be given regarding the data contained and the assessment of hazards and toxicity. Prior to use, please investigate not only the hazards and toxicity information but also the laws and regulations of the organization, area and country where the products are to be used, which shall be given the first priority. Products are supposed to be used promptly after purchase in consideration of safety. Some new information or amendments may be added afterwards. If the products are to be used far behind the expected time of use or you have any questions, please feel free to contact us. The stated cautions are for normal handling only. In case of special handling, sufficient care should be taken, in addition to the safety measures suitable for the situation. All chemical products should be treated with the recognition of "having unknown hazards and toxicity", which differ greatly depending on the conditions and handling when in use and/or the conditions and duration of storage. The products must be handled only by those who are familiar with specialized knowledge and have experience or under the guidance of those specialists throughout use from opening to storage and disposal. Safe usage conditions shall be set up on each user's own responsibility.

END OF REPORT.