



Centre Testing International Group

SDS

Report No. : A2250345335101

Company Name

LINYI PERFECT NEW MATERIAL CO., LTD

shown on Report:

**Address: NO. 1002A, RUIYI CENTER, INTERSECTION OF
BEIJING ROAD AND LIUQINGHE EAST ROAD,
LIUQING STREET, LANSHAN DISTRICT, LINYI
CITY, SHANDONG PROVINCE.**

Sample Name: PVC/SPC WALL PANEL

Reviewed by:

Jeff weng

Approved by:

Windy Li

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No. R5625D8FFB

Safety Data Sheet

PVC/SPC WALL PANEL

Version: V1.0.0.0

Report No.: A2250345335101

Creation Date: 2025/05/27

Revision Date: 2025/05/27

*Prepared according to EU regulation No. 2020/878

1 Identification of the substance/mixture and of the company/undertaking

Product identifier

Product Name	PVC/SPC WALL PANEL
Common Name/Trade Name	None
CAS No.	Not Applicable
EC No.	Not Applicable
Molecular Formula	Not Applicable
REACH Registration Number	-
UFI	Not applicable

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	Interior wall decoration
Uses advised against	Please consult the supplier

Details of the supplier of the Safety Data Sheet

Name of the company	LINYI PERFECT NEW MATERIAL CO., LTD
Address of the company	NO. 1002A, RUIYI CENTER, INTERSECTION OF BEIJING ROAD AND LIUQINGHE EAST ROAD, LIUQING STREET, LANSHAN DISTRICT, LINYI CITY, SHANDONG PROVINCE.
Post code	-
Telephone number	+86 183 5390 6035
Fax number	-
E-mail address	INFO@PERFECTNEWMATERIAL.COM

Emergency telephone number

Emergency telephone number	+86 183 5390 6035
Opening hours	24h

2 Hazards identification

CLP classification according to Regulation (EC) No. 1272/2008

According to Regulation (EC) No 1272/2008 and its amendments. Not classified as a dangerous substance.

Label elements

Hazard pictograms	Not applicable
Signal word	Not applicable

Hazard statements

Hazard statements	Not applicable
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Precautionary statements

◆ Prevention

Prevention	Not applicable
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◆ Response

Response	Not applicable
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◆ Storage

Storage	Not applicable
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◆ Disposal

Disposal	Not applicable
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Other hazards

◆ Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	This substance/mixture does not contain ingredients considered to be persistent, bioaccumulation, and toxic (PBT), nor does it contain very persistent and very bioaccumulation (vPvB) ingredients at a level of 0.1% or higher.
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◆ Results of endocrine disrupting properties assessment

Results of endocrine disrupting properties assessment	This product does not contain substances with endocrine disrupting properties.
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◆ Other

	Not applicable.
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3 Composition/information on ingredients

Substance/mixture

	Substance
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Component	Weight % content (or range)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific Conc. Limits, M-factors
PVC CAS: 9002-86-2 EC: 618-338-8 Index No.: -	66	Not Classified	-
Calcium stearate CAS: 1592-23-0 EC: 216-472-8 Index No.: -	3	Not Classified	-
Zinc stearate CAS: 557-05-1	1	Not Classified	-

EC: 209-151-9 Index No.: -			
Polyethylene wax CAS: 9002-88-4 EC: 618-339-3 Index No.: -	3	Not Classified	-
Stearic acid CAS: 57-11-4 EC: 200-313-4 Index No.: -	2	Not Classified	-
Chlorinated polyethylene CAS: 63231-66-3 EC: - Index No.: -	7	Not Classified	-
Calcium carbonate CAS: 471-34-1 EC: 207-439-9 Index No.: -	18	Not Classified	-

4 First-aid measures

Description of first aid measures

General advice	Under normal daily operation and use, there is no need to take emergency measures.
Eye contact	Open your eyelids and rinse your eyes with plenty of water for a few minutes. If the stimulation persists, seek medical attention.
Skin contact	Usually, no special measures are required. If there are signs of irritation or other symptoms, please seek medical attention.
Ingestion	Ingestion is not considered a potential route of contact.
Inhalation	Under normal circumstances, inhalation is harmless. If you feel unwell, please transfer to fresh air.
Protecting of first-aiders	No special protection is required.

Most important symptoms/effects, acute and delayed

1	Please see section 11.
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Indication of any immediate medical attention and special treatment needed

1	Targeted treatment should be carried out based on the symptoms that appear.
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5 Fire-fighting measures

Extinguishing media

Suitable extinguishing media	Use extinguishing media suitable for surrounding area.
Unsuitable extinguishing media	There is no restriction on the type of extinguisher which may be used.

Specific hazards arising from the substance or mixture

1	If a fire occurs, smoke and other combustion products may form, and inhaling these combustion products can have serious adverse effects on health.
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Advice for firefighters

1	As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.
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|---|---|
| 2 | Fight fire from a safe distance, with adequate cover. |
| 3 | Prevent fire extinguishing water from contaminating surface water or the ground water system. |

6 Accidental release measures

| Personal precautions, protective equipment and emergency procedures

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|---|--|
| 1 | Use personal protective equipment. Ensure sufficient ventilation. Remove all ignition sources. |
| 2 | Avoid inhaling vapors, smoke, gases, or dust. |

| Environmental precautions

- | | |
|---|---|
| 1 | Avoid discharging into the surrounding environment. |
|---|---|

| Methods and materials for containment and cleaning up

- | | |
|---|---|
| 1 | Under normal circumstances, there are no special requirements. If the product is scattered on the ground, please collect it in a timely manner and arrange to store it in a suitable sealed container for disposal. |
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7 Handling and storage

| Precautions for safe handling

◆ Protective measures

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| 1 | Handling is performed in a well ventilated place. |
| 2 | Wear suitable protective equipment. |
| 3 | Stay away from sparks and heat sources, and smoking is strictly prohibited in the workplace. |
| 4 | Handle according to good industrial hygiene and safety regulations. |

◆ Measures to prevent fire

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|---|---|
| 1 | Keep away from heat/sparks/open flames/ hot surfaces. |
|---|---|

◆ Measures to prevent aerosol and dust generation

- | | |
|---|---|
| 1 | Provide appropriate exhaust ventilation at places where dust is formed. |
|---|---|

◆ Advice on general occupational hygiene

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|---|--|
| 1 | Wash hands and face after using of the substances. |
| 2 | Replace the contaminated clothing immediately. |

| Conditions for safe storage, including any incompatibilities

- | | |
|---|--|
| 1 | Keep containers tightly closed. |
| 2 | Keep containers in a dry, cool and well-ventilated place. |
| 3 | Keep away from heat/sparks/open flames/hot surfaces. |
| 4 | Store away from incompatible materials and foodstuff containers. |

| Specific end use(s)

- | | |
|---|--|
| 1 | In addition to use mentioned in the first parts, unforeseen other specific end uses. |
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8 Exposure controls/personal protection

| Control parameters

Occupational Exposure limit values	There are no occupational exposure limits applicable to products or components.
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◆ Biological limit values

Biological limit values	No relevant regulations.
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◆ Monitoring methods

1	EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.
2	GBZ/T 300.1~GBZ/T 300.160-2017; GBZ/T 300.161~GBZ/T 300.164-2018 Determination of toxic substances in workplace air (Series standard).

◆ Derived No effect level (DNEL)

Component	Route of exposure	DNEL for Workers			
		Acute effects(local)	Acute effects(systemic)	Chronic effects(local)	Chronic effects(systemic)
All components	Inhalation	No data available	No data available	No data available	No data available
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available

◆ Predicted No Effect Concentration (PNEC)

Predicted No Effect Concentration (PNEC)	No information available.
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Engineering controls

1	Ensure adequate ventilation, especially in confined areas.
2	Ensure that eyewash stations and safety showers are close to the workstation location.
3	Handle in accordance with good industrial hygiene and safety practice.

Personal protection equipment

General requirement	No special requirements, please see the description below.
Eye protection	Normally, eye protection is not required. If exposed to steam/dust during production, chemical goggles should be worn.
Hand protection	Normally, hand protection is not required.
Respiratory protection	In general, respiratory protection is not required. When the concentration of dust in the air is high, it is recommended to wear a self-priming filter dust mask.
Skin and body protection	Normally, skin and body protection are not required.

9 Physical and chemical properties and safety characteristics

Physical and chemical properties

Physical state	Solid
Colour	White
Odor	Odorless
Odor threshold	No information available
pH	Not applicable

Melting point/freezing point(°C)	200
Initial boiling point and boiling range(°C)	No information available
Flash point(Closed cup,°C)	755
Evaporation rate	Not applicable
Flammability	Non flammable
Upper/lower explosive limits[%(v/v)]	Upper limit: Not explosive; Lower limit: Not explosive
Vapor pressure	No information available
Vapor density(Air = 1)	No information available
Relative density(Water=1)	No information available
Solubility	Insoluble in water
n-octanol/water partition coefficient	No information available
Auto-ignition temperature(°C)	No information available
Decomposition temperature(°C)	No information available
Viscosity	Not applicable
Explosive properties	Not explosive
Oxidizing properties	Not oxidizing
Particle characteristics	No information available

10 Stability and reactivity

| Stability and reactivity

Reactivity	Contact with incompatible substances can cause decomposition or other chemical reactions.
Chemical stability	Stable under proper operation and storage conditions.
Possibility of hazardous reactions	No information available.
Conditions to avoid	Incompatible materials, heat, flame and spark.
Incompatible materials	Strong oxidant.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 Toxicological information

| Acute toxicity

Component	LD ₅₀ (oral)	LD ₅₀ (dermal)	LC ₅₀ (inhalation,4h)
Calcium stearate	>10000mg/kg (Rat)	No information available	No information available
Zinc stearate	>10000mg/kg (Rat)	No information available	No information available
Calcium carbonate	6450mg/kg (Rat)	No information available	No information available

| Carcinogenicity

Component	List of carcinogens by the IARC Monographs	Report on Carcinogens by NTP
PVC	Category 3	Not Listed
Calcium stearate	Not Listed	Not Listed
Zinc stearate	Not Listed	Not Listed
Polyethylene wax	Category 3	Not Listed
Stearic acid	Not Listed	Not Listed
Chlorinated polyethylene	Not Listed	Not Listed
Calcium carbonate	Not Listed	Not Listed

| Endocrine disrupting properties

Endocrine disrupting properties	This product does not contain substances with endocrine disrupting properties.
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| Others

PVC/SPC WALL PANEL	
Skin corrosion/irritation	Based on available data, the classification criteria are not met
Serious eye damage/irritation	Based on available data, the classification criteria are not met
Skin sensitization	Based on available data, the classification criteria are not met
Respiratory sensitization	Based on available data, the classification criteria are not met
Reproductive toxicity	Based on available data, the classification criteria are not met
STOT-single exposure	Based on available data, the classification criteria are not met
STOT-repeated exposure	Based on available data, the classification criteria are not met
Aspiration hazard	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Based on available data, the classification criteria are not met
Reproductive toxicity(additional)	Based on available data, the classification criteria are not met

12 Ecological information

| Acute aquatic toxicity

Acute aquatic toxicity	No information available
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| Chronic aquatic toxicity

Chronic aquatic toxicity	No information available
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| Persistence and degradability

Persistence and degradability	No information available
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| Bioaccumulative potential

Bioaccumulative potential	No information available
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| Mobility in soil

Mobility in soil	No information available
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Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	Not belonging to PBT and vPvB.
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Endocrine disrupting properties

Endocrine disrupting properties	This product does not contain substances with endocrine disrupting properties.
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13 Disposal considerations

Disposal considerations

Waste chemicals	Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal.
Contaminated packaging	After emptying the packaging, it should be kept away from heat and fire sources. If possible, it should be returned to the supplier for recycling.
Disposal recommendations	Refer to section waste chemicals and contaminated packaging.

14 Transport information

Label and Mark

Transporting Label	Not applicable
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IMDG-CODE

IMDG-CODE	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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IATA-DGR

IATA-DGR	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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UN-ADR

UN-ADR	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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15 Regulatory information

International chemical inventory

Component	EINECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AIIC	ENCS
PVC	×	√	√	√	√	√	√	√	√
Calcium stearate	√	√	√	√	√	√	√	√	√
Zinc stearate	√	√	√	√	√	√	√	√	√
Polyethylene wax	×	√	√	√	√	√	√	√	√
Stearic acid	√	√	√	√	√	√	√	√	√
Chlorinated polyethylene	×	×	×	×	×	×	√	√	×
Calcium carbonate	√	√	√	√	√	√	√	√	√

[EINECS]	European Inventory of Existing Commercial Chemical Substances
[TSCA]	United States Toxic Substances Control Act Inventory
[DSL]	Canadian Domestic Substances List
[IECSC]	China Inventory of Existing Chemical Substances
[NZIoC]	New Zealand Inventory of Chemicals
[PICCS]	Philippines Inventory of Chemicals and Chemical Substances
[KECI]	Korea Existing Chemicals Inventory
[AIIC]	Australia. Inventory of Industrial Chemicals (AIIC)
[ENCS]	Japan Inventory of Existing & New Chemical Substances

European chemical inventory

Component	A	B	C	D	E	F	G
PVC	×	×	×	×	×	×	×
Calcium stearate	×	×	×	×	×	×	×
Zinc stearate	×	×	×	×	×	×	×
Polyethylene wax	×	×	×	×	×	×	×
Stearic acid	×	×	×	×	×	×	×
Chlorinated polyethylene	×	×	×	×	×	×	×
Calcium carbonate	×	×	×	×	×	×	×

- [A] Candidate list of Substances of Very High Concern for authorization under EU REACH regulation
- [B] Substances requiring authorisation under EU REACH regulation
- [C] Substances restricted under EU REACH
- [D] Pre-registered substances under EU REACH
- [E] Registered substances under EU REACH
- [F] Substance Evaluation – CoRAP under EU REACH
- [G] List of priority substances under EU water policy (Directive 2455/2001/EC)

Note:

- √: Indicates that the substance included in the regulations.
- ×: No data or not included in the regulations.

16 Other information

Information on revision

Creation Date	2025/05/27
Revision Date	2025/05/27
Reason for revision	-

Reference

- [1] IPCS: The International Chemical Safety Cards (ICSC), website: <http://www.ilo.org/dyn/icsc/showcard.home>.
- [2] IARC, website: <http://www.iarc.fr/>.
- [3] OECD: The Global Portal to Information on Chemical Substances, website: <https://www.echemportal.org/echemportal/substancesearch/index.action>.
- [4] CAMEO Chemicals, website: <http://cameochemicals.noaa.gov/search/simple>.
- [5] NLM: ChemIDplus, website: <http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp>.
- [6] EPA: Integrated Risk Information System, website: <http://cfpub.epa.gov/iris/>.
- [7] U.S. Department of Transportation: ERG, website: <http://www.phmsa.dot.gov/hazmat/library/erg>.

[8] Germany GESTIS-database on hazard substance, website: <http://gestis-en.itrust.de/>.

| Abbreviations and acronyms

CAS	Chemical Abstracts Service	UN	The United Nations
PC-STEL	Short term exposure limit	OECD	Organization for Economic Co-operation and Development
PC-TWA	Time Weighted Average	IMDG	International Maritime Dangerous Goods
MAC	Maximum Allowable Concentration	IARC	International Agency for Research on Cancer
DNEL	Derived No Effect Level	ICAO	International Civil Aviation Organization
PNEC	Predicted No Effect Concentration	IATA	International Air Transportation Association
NOEC	No Observed Effect Concentration	ACGIH	American Conference of Governmental Industrial Hygienists
LC ₅₀	Lethal Concentration 50%	NFPA	National Fire Protection Association
LD ₅₀	Lethal Dose 50%	NTP	National Toxicology Program
EC ₅₀	Effective Concentration 50%	PBT	Persistent, Bioaccumulative, Toxic
EC _x	Effective Concentration X%	vPvB	very Persistent, very Bioaccumulative
Pow	Partition coefficient Octanol: Water	CMR	Carcinogens, mutagens or substances toxic to reproduction
BCF	Bioconcentration factor	RPE	Respiratory Protective Equipment
ED	Endocrine disruptor		

| Disclaimer

This Safety Data Sheet (SDS) was prepared according to REACH Regulation. The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

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