

# Material Safety Data Sheet

## VINYL FLOOR

### Section 1-Chemical Product and Company Identification

Sample Name: LVT Floor

Company Identification: YTD Limited

### Section 2-Composition, Information on Ingredients

Chemical Name	Percent (by weight)	CAS NO.	EC#
Polyvinyl Chloride	28.3%	9002-86-2	Not classified as hazardous
Limestone	43.7%	1317-65-3	Not classified as hazardous
Diocetyl Terephthalate	7.5%	6422-86-2	Not classified as hazardous
Zinc Stearate	0.2%	557-05-1	Not classified as hazardous
Carbon Black	0.3%	1333-86-4	Not classified as hazardous
pvc resin powder, Calcium carbonate etc recycled material	20%	NA	Not classified as hazardous

### Section 3-Hazards Identification

This product should not present a health hazard when used under reasonable conditions. However, use or processing of the product in a manner not in accordance with the product's directions for use may affect the performance. Exposure to fiber/chips in processing may be irritating to eyes, nose, and throat. At elevated temperatures.(e.g.at melt processing temperature, or combustion temperature),this product may emit irritating/toxic fumes and vapors.

Target Organs: Eye, digestive tract, respiratory tract.

UN Hazard Class: None.

Potential Health Effects:

Eye: No health effects are expected under normal use. Contact with chips/fiber/smoke, may cause eyes discomfort.

Skin: No health effects are expected under normal use. Contact with fiber/chips may cause skin mechanical irritation. If contact with hot material may cause burn.

Ingestion: Ingestion of this material is unlikely. If ingest, may cause digestive tract irritation.

Inhalation: Breathing chips/fiber/fume of this product may cause coughing ,dyspnea, wheezing, general irritation of the nose, throat, and upper respiratory tract.

## Section 4-First Aid Measures

**Eyes:** If chips/fiber/fume contact with eyes, flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Avoid rubbing eyes. Seek medical attention if necessary.

**Skin:** If contact with hot material, cool the burn area by flushing with large amounts of water. DO NOT attempt to remove anything from the burn area. Cover the burn area loosely with a sterile dressing, if available and seek medical attention.

**Inhalation:** If inhaled, remove to fresh air. Seek medical aid if cough or other symptoms appear.

**Ingestion:** Ingestion of this material is unlikely. If it does occur, watch the person for several days to make sure that partial or complete intestinal blockage does not occur.

## Section 5-Fire Fighting Measures

**General information:** In case of a fire, oxides of carbon, hydrocarbons, nitrogen oxides, chloride, fumes, and smoke may be generated by thermal decomposition or combustion. As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. **Extinguishing Media:** Use extinguishing media most appropriate for the surrounding fire.

## Section 6-Accident Release Measures

**General Information:** Ventilate spill area. Minimize dust/fiber generation and accumulation. Do not walk through spilled material. Review Section 5 and Section 7 before proceeding with clean-up. Use proper personal protective equipment as indicated in Section 8. **Spills/Leaks:** Remove all sources of ignition. Stop leak if safe to do so. Collect up, and then place into a suitable container for disposal or recycle. Molten product should be allowed to cool and harden before clean up.

## Section 7-Handling and Storage

**General Information:** This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation. Smoking should be prohibited in areas where this material is stored. **Storage:** Store in a cool, dry, well-ventilated area away from source of heat or ignition. Keep away from incompatible substances and moisture. Do not allow product scrap and cuttings to accumulate and maintain clear aisles with adequate access to all storage areas and exits. Inspect regularly for deficiencies such as damage or leaks. Treat carefully, avoid physical damage.

The Storage area should be equipped with the corresponding species and quantity of fire equipment and leakage emergency equipment. **Handling:** Ensure good local exhaust ventilation. Keep away from source of heat or ignition. Keep away from incompatible substances. Avoid generating

fiber/chips. Avoid contact with eyes. Avoid ingestion and inhalation. The work area should be equipped and leakage emergency equipment.

## Section 8-Exposure Controls, Personal Protection

### Exposure Limit:

CAS No.	ACGIH(mg/m3)	NIOSH(mg/m3)	OSHA(mg/m3)
9002-86-2	None listed	None listed	None listed
1317-65-3	None listed	None listed	None listed
6422-86-2	None listed	None listed	None listed
557-05-1	None listed	None listed	None listed
1333-86-4	None listed	None listed	None listed

Monitoring Methods: No information found.

Engineered Controls: Use adequate ventilation to keep airborne Concentration low. Equipped with safety shower and eyes bath.

Personal Protective Equipment:

Eyes: No special requirement under normal use. Use appropriate safety glasses when there is the risk of contact.

Skin and Clothing: No special requirement under normal use. It is recommended to wear appropriate protective gloves and clothing when there is the risk of greater exposure.

Respirators: No special requirement under normal use. An appropriate respirator or mask should be used whenever workplace conditions warrant a respirator's use. A full face positive pressure supplied-air respirator or a self contained breathing apparatus should be used when fire. Other

Protection: To maintain good health habits. Smoking should be prohibited in areas where this material is stored.

## Section 9-Physical and Chemical Properties

Physical state: Solid

Appearance: 7"x48" planks, thickness: 4 to 5 mm

Odor: Odorless

Molecular Formula: N/A

Molecular Weight: N/A

PH:N/A Flash Point: N/A

Boiling Point: N/A

Melting Point: N/A

Water Solubility: Insoluble in water

Chemical Uses: Floor

## Section 10-Stability and Reactivity

Chemical Stability: Stable under normal condition.

Condition to Avoid: Excess heat, any source of ignition, incompatible materials. Incompatibilities with other materials: Strong oxidizing agents, acids, fluorine. Hazardous Decomposition Products: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, nitrogen oxides, chloride, fumes, and smoke may be generated by thermal decomposition or combustion.

Hazardous Polymerization: Will not occur.

## Section 11-Toxicological Information

### Toxicological Information:

CAS No.	RTECS#	LD50/LC50
9002-86-2	KV0350000	No date available
1317-65-3	EV9580000	No date available
6422-86-2	WZ0883500	No date available
557-05-1	ZH5200000	No date available
1333-86-4	Not available	No date available

Sensitization Rate:

Composition: CAS# 471-34-1

*Draize test, rabbit, eye: 750 ug/24H Severe*

*Draize test, rabbit, skin: 500 mg/24H Moderate*

Teratogenicity: Not available

## Section 12-Ecological Information

Ecological Toxicity: Not available.

Ecological Degradation: Not available.

Biology Degradation: Not available

## Section 13-Disposal Considerations

The generation of waste should be avoided or minimized wherever possible. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

## Section 14-Transport Information

Not regulated as a hazardous material for transportation. (TDG;IMDG;CODE)

UN:N/A UN

Hazard Class: N/A

Shipping Name: N/A

Packaging Sign: N/A

Packaging Category: N/A

Packaging Information: box.

Transport Fashion: By sea.

## Section 15-Regulatory Information

Regulatory Information: Reference to the local, national, US, EU, CA and international regulations.

CAS No.	TSCA	DSL/NDL	OSHA	California Prop 65
9002-86-2	Listed	Listed in DSL	Unlisted	Unlisted
1317-65-3	Listed	Listed in DSL	Unlisted	Unlisted
6422-86-2	Listed	Listed in DSL	Unlisted	Unlisted
557-05-1	Listed	Listed in DSL	Unlisted	Unlisted
1333-86-4	Listed	Unlisted	Unlisted	Unlisted

European Labeling in Accordance with EC Directive:

Hazard Symbols: None.

Risk Description: None.

Safety Description: None.

## Section 16-Additional Information

Issue Time: 2018-4-25

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Notice to reader



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