

Safety Data Sheet (SDS)



TimberStrand[®] LSL with StrandGuard[®]

1. Identification

TRADE NAME(S): TimberStrand[®] LSL with StrandGuard[®]

SYNONYMS and/or GRADES: Treated Sill Plate, Zinc-borate TimberStrand[®], Treated TimberStrand[®], StrandGuard[®] LSL

PRODUCT USES: Building Materials

CHEMICAL NAME/CLASS: Wood Products

MANUFACTURER'S NAME: Weyerhaeuser
ADDRESS: 220 Occidental Ave S., Seattle, WA 98104
EMERGENCY PHONE: (844) 523-4081 (3E Company)
BUSINESS PHONE: (206) 539-3910
INTERNET ACCESS: See section 16
REVISED DATE: June 8, 2022

2. Hazard(s) Identification

Signal Word: DANGER

NOTE: This product is not hazardous in the form in which it is shipped by the manufacturer but may become hazardous as the result of downstream activities (e.g., cutting, sanding) which creates small particles resulting in the potential hazards as described below.

Classification	Hazard Statement(s)	Pictogram(s)
HEALTH Carcinogen- Category 1A (H350) *	Wood dust may cause nasopharyngeal cancer and/or cancer of the nasal cavities and paranasal sinuses by inhalation	A pictogram showing a person's head and shoulders in profile, with a red cloud of dust or particles emanating from their mouth, indicating a respiratory hazard.

3. Composition/Information on Ingredients

Ingredients	CAS#	Wt.%
Wood (wood dust, hardwood)	None	91-95
Resin Solids: Polymeric Diphenylmethane Diisocyanate ¹ [C ₆ H ₃ (NCO)CH ₂] _n (reacted)	9016-87-9	5-7
Paraffin or Emulsified Wax ²	8002-74-2	0.5-1
Wood Preservative (Zinc Borate Hydrate)	138265-88-0	0.1-1

Common names: ¹Polymeric MDI (pMDI), ²Hydrocarbon waxes.

4. First Aid Measures

Inhalation: Remove to fresh air if respiratory symptoms are experienced. Seek medical help if persistent irritation, severe coughing, breathing difficulty or other serious symptoms occur.

Eye Contact: Treat dust in eye as a foreign object. Flush with water to remove dust particles. Remove contact lenses if present and easy to do so. Avoid touching or rubbing eyes to avoid further irritation or injury. Seek medical help if irritation persists.

Skin Contact: Wood dust may elicit contact dermatitis. Seek medical help if rash, irritation, or dermatitis persists.

Skin Absorption: Not known to be absorbed through the skin.

Ingestion: Not applicable under normal use.

Symptoms or Effects:

Acute Symptoms/Effects

6. Accidental Release Measures

Steps to be taken in case Material Is Released or Spilled: Sweep or vacuum up for recovery and disposal. Avoid creating dusty conditions whenever feasible. Maintain good housekeeping to avoid accumulation of wood and resin dust on exposed surfaces. Use approved filtering face piece respirator (“dust mask”) or higher levels of respiratory protection as indicated and goggles where ventilation is not possible and exposure limits may be exceeded

9. Physical/Chemical Properties (cont'd.)

Partition Coefficient (n-octanol/water):	NAP
Autoignition Temperature:	Variable [typically 400°-500°F (204°-260°C)]
Decomposition Temperature:	NAV
Viscosity:	NAP
Other Properties:	NAP

10. Stability and Reactivity

Reactivity: NAP

Hazardous Polymerization: May occur Will not occur

Stability: Unstable Stable

Conditions to Avoid: Avoid open flame. Product may ignite at temperatures in excess of 400°F (204°C).

Incompatibility (Materials to Avoid): Avoid contact with oxidizing agents and drying oils.

Hazardous Decomposition or By-Products: Natural decomposition of organic materials such as wood may produce toxic gases and an oxygen deficient atmosphere in enclosed or poorly ventilated areas. Spontaneous and rapid hazardous decomposition will not occur.

Sensitivity to Static Discharge: Airborne wood and resin dust may be ignited by a static discharge depending on airborne concentrations, particle size and moisture content.

11. Toxicological Information

Likely Route(s) of Exposure:

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11. Toxicological Information (cont'd.)

Carcinogenicity Listing(s):

- NTP: Wood dust, Known Human Carcinogen.
- IARC Monographs: Wood dust, Group 1 - Carcinogenic to Humans.
- OSHA Regulated:

Toxicity Data: No specific information available for product in purchased form. Individual component information is listed below.

Components:

Wood dust (softwood or hardwood)

Dusts generated from sawing, sanding, or machining the product may cause respiratory irritation, nasal dryness, and irritation, coughing and sinusitis. NTP and IARC (Group 1) classify wood dust as a human carcinogen. See Section 2 above.

Zinc borate hydrate

LD₅₀ in rats is greater than 10,000 mg/kg of body weight.

LD₅₀ in rabbits is greater than 10,000 mg/kg of body weight. Zinc borate wood preservative used is poorly absorbed through intact skin.

Eye irritant.

Eye irritation test in rabbits produced mild eye irritation effects. Many years of occupational exposure to zinc borate wood preservative used indicates no adverse effects on human eyes. Therefore,

12. Ecological Information (cont'd.)

Boron

Boron is an essential micronutrient for healthy growth of plants; however, it can be harmful to boron-sensitive plants in high quantities. Care should be taken to minimize the amount of zinc borate wood preservative released to the environment.

Note: Zinc borate wood preservative can decompose, under biological conditions, to form zinc hydroxide and boric acid.

Bioaccumulation: NAV

Soil Mobility: Zinc borate is sparingly soluble in water and may be leachable through normal soil.

Other adverse effects: NAP

13. Disposal Considerations

Waste Disposal Method: Dry land disposal or incineration is acceptable in most areas. It is, however, the user's responsibility to determine at the time of disposal whether your waste meets any jurisdictional criteria. Note that wood and resin dust may pose a combustible dust hazard.

15. Regulatory Information (cont'd.)

STATE RIGHT-TO-KNOW:

California Proposition 65 –

WARNING: This product can expose you to chemicals including wood dust which are known to the State of California to cause cancer, and methanol, which are known to the State of California to cause birth defects or other reproductive harm. Drilling, sawing, sanding, or machining wood products can expose you to wood dust. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection. For more information go to www.P65Warnings.ca.gov and www.P65Warnings.ca.gov/wood. Pennsylvania – When cut or otherwise machined, the product may emit wood dust, wood dust, paraffin wax and zinc borates appear on Pennsylvania's Appendix A, Hazardous Substance List. New Jersey – When cut or otherwise machined, the product may emit wood dust. Wood dust is on the New Jersey Environmental Hazardous Substance List.

SARA 313 Information: To the best of our knowledge, this product contains no chemical subjected to the SARA Title III Section 313 supplier notification requirements.

SARA 311/312 Hazard Category: This product has been reviewed according to the EPA "Hazard Categories: promulgated under SARA Title III, Sections 311 and 312 and is considered, under applicable definitions, to meet the following categories:

An immediate (acute) health hazard	Yes
A delayed (chronic) health hazard	Yes
A corrosive hazard	No
A fire hazard	No
A reactivity hazard	No
A sudden release hazard	No

FDA: Not intended for use as a food additive or indirect food contact item.

WHMIS Classification: Wood and products made from wood are exempt from WHMIS per the Hazardous Products Act (HPA). However, wood dust released during the use or modifications of wood products may be hazardous. See Section 2 for health and combustible dust hazard information.

16. Other Information

Date Prepared: 09/27/2010

Date Revised: 06/08/2022

Prepared By: Weyerhaeuser Company Health and Safety.

Weyerhaeuser SDS available on:

<http://www.wy.com/sustainability/environment/product-stewardship/safety-data-sheets/>

User's Responsibility: The information contained in this Safety Data Sheet is based on the experience of occupational health and safety professionals and comes from sources believed to be accurate or otherwise technically correct. It is the user's responsibility to determine if the product is suitable for its

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16. Other Information (cont'd.)

HMIS	=	(Canada) Hazardous Materials Identification System
HNOC	=	Hazards Not Otherwise Classified
IARC	=	International Agency for Research on Cancer
IATA	=	International Air Transport Association
IMDG	=	International Maritime Dangerous Goods
LC ₅₀	=	Concentration in Air Resulting in Death To 50% of Experimental Animals
LCLo	=	Lowest Concentration in Air Resulting in Death
LD ₅₀	=	Administered Dose Resulting in Death to 50% of Experimental Animals
LDLo	=	Lowest Dose Resulting in Death
LEL	=	Lower Explosive Limit
LFL	=	Lower Flammable Limit

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Danger concentrations in air if s

Precautions: Do not handle until all safety precautions have been read and understood. Use outdoors or in a wellventilated area. Avoid breathing dust and wear appropriate protective equipment for respiratory, skin or eye exposures. Prevent dust release and accumulations to minimize hazard. Take off contaminated clothing and wash before reuse. Keep dust away from ignition sources such as heat, sparks, and flame.

First Aid:

If in eyes rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Contact a qualified medical professional if symptoms persist.

If on skin, wash with soap and water. If irritation or rash occurs, get medical advice/attention.

Inhalation, if experiencing respiratory symptoms, remove to fresh air. Contact a qualified medical professional for serious or persistent respiratory symptoms.

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