1. Identification

TRADE NAME(S): TimberStrand® LSL Rim Board With FRT® Protection
SYNONYMS: TimberStrand® LSL with Flak Jacket FRT Protection
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: August 27, 2018

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.

<table>
<thead>
<tr>
<th>Classification</th>
<th>Hazard Statement(s)</th>
<th>Pictogram(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEALTH Carcinogen- Category 1A (H350) *</td>
<td>Wood dust may cause nasopharyngeal cancer and/or cancer of the nasal cavities and paranasal sinuses by inhalation</td>
<td></td>
</tr>
</tbody>
</table>
2. Hazard(s) Identification (cont’d.)

<table>
<thead>
<tr>
<th>Skin Irritation</th>
<th>Causes skin irritation</th>
<th>May cause respiratory irritation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category 2 (H315)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specific Target Organ Toxicity - Single Exposure (STOT) Category 3 (H335)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eye Irritation</td>
<td>Causes eye irritation</td>
<td>None</td>
</tr>
<tr>
<td>Category 2B (H320)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Combustible Dust (OSHA Defined Hazard)</td>
<td>If converted to small particles during further processing, handling, or by other means, may form combustible dust concentrations in air</td>
<td>None</td>
</tr>
</tbody>
</table>

*Hazard codes (GHS)*

<table>
<thead>
<tr>
<th>HMIS Rating (Scale 0-4):</th>
<th>Health = 2*</th>
<th>Fire = 1</th>
<th>Physical Hazard = 0</th>
</tr>
</thead>
<tbody>
<tr>
<td>NFPA Rating (Scale 0-4):</td>
<td>Health = 1</td>
<td>Fire = 1</td>
<td>Reactivity = 0</td>
</tr>
</tbody>
</table>

Precautionary Statement(s):

**Prevention Statements:**
- P202: Do not handle until all safety precautions have been read and understood.
- P210: Keep away from sparks, flame or other heat sources.
- P243: Take precautionary measures against static discharge.
- P261+284: Avoid breathing dust. In case of inadequate ventilation wear an approved respirator suitable for conditions of use.
- P271: Use outdoors or in a well-ventilated area.
- P280: Wear appropriate protective equipment for eye and skin exposure.

**Response Statements:**
- P304+P340+P313: If inhaled and breathing becomes difficult, remove person to fresh air and keep comfortable for breathing. If symptoms persist, call a doctor or other qualified medical professional.
- P333+P313: If skin irritation or rash occurs get medical advice/attention.
- P352+P364: If on skin wash with plenty of soap and water.
- P362+P364: Take off contaminated clothing and wash before reuse.
- P305+P351+P338: If in eyes, rinse cautiously for several minutes. Remove contact lenses if present and easy to do so.

**Disposal:**
- P501: Dispose of contents in accordance with federal, state and local regulations.

**Ingredients of Unknown Acute Toxicity (>1%):** NAP
3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS#</th>
<th>Wt.%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood (wood dust, softwood or hardwood)</td>
<td>None</td>
<td>89-93</td>
</tr>
<tr>
<td>Resin Solids: Polymeric Diphenylmethane</td>
<td>9016-87-9</td>
<td>3-5</td>
</tr>
<tr>
<td>Dilosycyanate (^{1}) (reacted)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Antimony trioxide ((\text{Sb}_2\text{O}_3))</td>
<td>1309-64-4</td>
<td>0.5-1</td>
</tr>
<tr>
<td>Alumina Trihydrate ((\text{AlH}_3\text{O}_3))</td>
<td>8064-00-4</td>
<td>1-1.5</td>
</tr>
</tbody>
</table>

Common names: \(^{1}\)Polymeric MDI (pMDI)

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:** Dust may cause mechanical irritation of the respiratory system and eyes. Dust can cause physical obstructions in the nasal passages, resulting in dryness of nose, dry cough, and sneezing. Coating particulate containing acidic media may be irritating to the skin, eyes and mucous membranes.
- **Delayed Symptoms/Effects:** Unique delayed effects are not anticipated after exposure. See Section 11 for additional information on chronic effects.

5. Fire-fighting Measures

**Extinguishing Media and Restrictions:** Water, carbon dioxide and sand.

**Specific Hazards, Anticipated Combustion Products:** Thermal decomposition can release carbon monoxide, oxides of nitrogen, hydrogen cyanide, carbon dioxide, sulfuric acid vapors and/or sulfur gases including SO\(_2\), hydrogen chloride, hydrogen bromide and polycyclic aromatic hydrocarbons.

**Autoignition Temperature:** Variable [typically 400°-500°F (204°-260°C)]

**Special Firefighting Equipment/Procedures:** Heat from a fire will release a significant volume of acid vapors. Wear NIOSH-approved self-contained breathing apparatus and appropriate protective clothing for the situation.

**Unusual Fire and Explosion Hazards:** Depending on moisture content, particle diameter and concentration, product dust may pose a flash fire or deflagration hazard. If suspended in air in an enclosure or container and ignited, an explosion may occur due to the development of internal pressure causing rupture. An airborne concentration of 40 grams (40,000 mg) of dust per cubic meter of air is often used as the Minimum Explosible Concentration (MEC) for wood dusts. Conduct regular housekeeping inspections and cleaning to prevent excessive dust accumulations. Design and maintain control equipment to minimize fugitive combustible dust emissions. Ensure that ventilation systems are operating properly to capture, transport and contain combustible dust while controlling ignition sources. Reference NFPA 652 “Standard on the Fundamentals of Combustible Dust”.

Weyerhaeuser SDS WC S509-02 (M)
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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 or for additional worker comfort.

7. Handling and Storage

Precautions to be taken in Handling and Storage: Product dust may pose a combustible dust hazard. Keep away from ignition sources. Avoid eye contact. Avoid prolonged or repeated contact with skin. Avoid prolonged or repeated breathing of wood dust. Store in well-ventilated, cool, dry place away from open flame.

8. Exposure Control Measures/Personal Protection

Exposure Limits/Guidelines:

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>Agency</th>
<th>Exposure Limit(s)</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood (wood dust, softwood and hardwood)</td>
<td>OSHA</td>
<td>PEL-TWA 15 mg/m³</td>
<td>Total dust (PNOR)</td>
</tr>
<tr>
<td></td>
<td>OSHA</td>
<td>PEL-TWA 5 mg/m³</td>
<td>Respirable dust fraction (PNOR)</td>
</tr>
<tr>
<td></td>
<td>ACGIH</td>
<td>TLV-TWA 1 mg/m³</td>
<td>Inhalable fraction</td>
</tr>
<tr>
<td>Alumina Trihydrate</td>
<td>OSHA</td>
<td>PEL-TWA 15 mg/m³</td>
<td>Total particulate (PNOR)</td>
</tr>
<tr>
<td></td>
<td>OSHA</td>
<td>PEL-TWA 5 mg/m³</td>
<td>Respirable fraction (PNOR)</td>
</tr>
<tr>
<td></td>
<td>ACGIH</td>
<td>TLV-TWA 10 mg/ m³</td>
<td>Inhalable (PNOS)</td>
</tr>
<tr>
<td></td>
<td>ACGIH</td>
<td>TLV-TWA 3 mg/ m³</td>
<td>Respirable (PNOS)</td>
</tr>
<tr>
<td>Antimony Trioxide</td>
<td>OSHA</td>
<td>PEL-TWA 0.5 mg/m³</td>
<td>Total dust</td>
</tr>
<tr>
<td>Polymeric Diphenylmethane Diisocyanate C</td>
<td>OSHA</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ACGIH</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

A In AFL-CIO v OSHA, 965 F. 2d 962 (11th Cir. 1992), the Court overturned OSHA’s 1989 Air Contaminants Rule, including the specific PEL’s for wood dust that OSHA had established at that time. The 1989 vacated PEL’s were: 5 mg/m³ PEL-TWA and 10 mg/m³ STEL (15 min), all softwood and hardwood except Western Red Cedar. Wood dust is now regulated by OSHA as “Particulates Not Otherwise Regulated” (PNOR), which is also referred to as “nuisance dust”. However, some states have regulated wood dust PEL’s in their state plans. Additionally, OSHA indicated that it may cite employers under the OSH Act general duty clause in appropriate circumstances.

B This ingredient also contains trace amounts of lead and arsenic. Exposures should be controlled to levels as low as reasonably possible.

C This ingredient is the polymerized form of MDI resin.

D Exposure by all routes should be carefully controlled to levels as low as possible.
8. Exposure Control Measures/Personal Protection (cont’d.)

LOCAL EXHAUST – Provide local exhaust as needed so that exposure limits are met. Ventilation to control dust should be considered where potential explosive concentrations and ignition sources are present. The design and operation of any exhaust system should consider the possibility of explosive concentrations of wood dust within the system. See “SPECIAL” section below. Use of tool mounted exhaust systems should also be considered, especially when working in enclosed areas.

MECHANICAL (GENERAL) – Provide general ventilation in processing and storage areas so that exposure limits are met.

SPECIAL – Ensure that exhaust ventilation and material transport systems involved in handling this product contain explosion relief vents or suppression systems designed and operated in accordance with applicable standards if the operating conditions justify their use.

OTHER ENGINEERING CONTROLS – Cutting and machining of product should preferably be done outdoors or with adequate ventilation and containment.

Personal Protective Equipment:

RESPIRATORY PROTECTION – Use filtering face piece respirator (“dust mask”) tested and approved under appropriate government standards such as NIOSH (US), CSA (Canada), CEN (EU), or JIS (Japan) where exposure limits may be exceeded or for additional worker comfort or symptom relief. Use respiratory protection in accordance with jurisdictional regulatory requirements similar to the OSHA respiratory protection standard 29CFR 1910.134 following a determination of risk from potential exposures.

EYE PROTECTION – Approved goggles or tight fitting safety glasses are recommended when excessive exposures to dust may occur (e.g. during clean up) and when eye irritation may occur.

PROTECTIVE GLOVES – Cloth, canvas, or leather gloves are recommended to prevent direct contact and to minimize potential slivers or mechanical irritation from handling product.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT – Outer garments which cover the arms may be desirable in extremely dusty areas.

WORK/HYGIENE PRACTICES – Follow good hygienic and housekeeping practices. Clean up areas where wood and resin dust settles to avoid excessive accumulation of this combustible material. Minimize compressed air blowdown or other practices that generate high airborne-dust concentrations.

9. Physical/Chemical Properties

Appearance: TimberStrand® LSL Rim Board with FRT® Protection consists of layers of laminated solid wood which are glued together with a polymerized methylene bisphenyl diisocyanate (pMDI) resin coated with a pigmented and fire-resistant coating. The coating expands when exposed to heat, protecting the wood component from fire and slowing the propagation of flame along the surface of the coated RimBoard. The product has a slightly aromatic/wood odor. The wood component consists of hardwoods.

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor/Odor Threshold(s):</td>
<td>NAV</td>
</tr>
<tr>
<td>pH:</td>
<td>NAP</td>
</tr>
<tr>
<td>Melting/Freezing Point:</td>
<td>NAP</td>
</tr>
<tr>
<td>Boiling Point (@ 760 mm Hg) and Range:</td>
<td>NAP</td>
</tr>
<tr>
<td>Flash Point:</td>
<td>NAP</td>
</tr>
<tr>
<td>Evaporation Rate:</td>
<td>0</td>
</tr>
<tr>
<td>Flammability:</td>
<td>NAP</td>
</tr>
<tr>
<td>Lower/Upper Explosive Limits:</td>
<td>40,000 mg of dust per cubic meter of air is often used as the LEL for wood dusts.</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg):</td>
<td>NAP</td>
</tr>
<tr>
<td>Vapor Density (air = 1; 1 atm):</td>
<td>NAP</td>
</tr>
</tbody>
</table>
9. Physical/Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>NAP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relative Density</td>
<td>NAP</td>
</tr>
<tr>
<td>Solubility</td>
<td>&lt;0.1</td>
</tr>
<tr>
<td>Partition Coefficient (n-octanol/water)</td>
<td>NAP</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>Variable [typically 400°-500°F (204°-260°C)]</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>NAV</td>
</tr>
<tr>
<td>Viscosity</td>
<td>NAP</td>
</tr>
<tr>
<td>Other Properties</td>
<td>NAP</td>
</tr>
</tbody>
</table>

10. Stability and Reactivity

Reactivity: NAP

Hazardous Polymerization: ☐ May occur ☒ Will not occur

Stability: ☐ Unstable ☒ Stable

Conditions to Avoid: Avoid open flame. Any exposed wood portion of this 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.

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:

☐ Ingestion:
☒ Skin: Dust
☒ Inhalation: Dust
☒ Eye: Dust

Signs and Symptoms of Exposure:

Wood Dust - NTP: According to its Report on Carcinogens, Fourteenth Edition, NTP states, “Wood dust is known to be a human carcinogen based on sufficient evidence of carcinogenicity from studies in humans”. An association between wood dust exposure and cancer of the nasal cavity has been observed in case reports, cohort studies, and case-control studies that specifically addressed nasal cancer. Associations with cancer of the nasal cavities and paranasal sinuses were observed both in studies of people whose occupations are associated with wood dust exposure and in studies that directly estimated wood dust exposure. This classification is based primarily on increased risk in the occurrence of adenocarcinomas of the nasal cavities and paranasal sinuses associated with exposure to wood dust. The evaluation did not find sufficient evidence to associate cancers of the oropharynx, hypopharynx, lung, lymphatic and hematopoietic systems, stomach, colon or rectum with exposure to wood dust. There is inadequate evidence for the carcinogenicity of wood dust from studies in experimental animals according to NTP.

Wood Dust: IARC – Group 1: Carcinogenic to humans; sufficient evidence of carcinogenicity. This classification is primarily based on studies showing an association between occupational exposure to wood dust and adenocarcinoma to the nasal cavities and paranasal sinuses. IARC did not find sufficient evidence of an association between occupational exposure to wood dust and cancers of the oropharynx, hypopharynx, lung, lymphatic and hematopoietic systems, stomach, colon or rectum.
11. Toxicological Information (cont’d.)

Carcinogenicity Listing(s):

- NTP: Wood dust, Known Human Carcinogen. Crystalline Quartz- Known to be a Human Carcinogen.
- OSHA Regulated: Crystalline Silica- 29 CFR 1910.1053

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

Components:

Wood dust (softwood or hardwood)
Wood dust 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.

Crystalline quartz
Oral (acute) Rat: LD₅₀ = 1,064 mg/kg Dermal (acute). Inhalation (acute): Rat: LC₅₀: >2.88 mg/l 4h. 
IARC and NTP: Known Human Carcinogen, see section 3 above.

Aluminum trihydrate
Oral (acute) Rat: LD₅₀ = >5,000 mg/kg

Antimony trioxide
Oral (acute) Rat: LD₅₀ = >34,000 mg/kg

Target Organs: Eyes, skin, and respiratory system.

Note: Weyerhaeuser evaluated the studies referenced in the ACGIH® TLV® Documentation for Wood Dust and others which included potential allergenic references for wood species which may cause skin or respiratory sensitization. There are a limited number of studies of highly variable consistency which reference sensitization from some species of wood. When the total weight of evidence is considered this product is considered to be an eye, skin and respiratory irritant and not a respiratory or skin sensitizer according to health hazard classification criteria.

12. Ecological Information

Environmental Toxicity: NAP for finished product.
Component:
Antimony trioxide: 96 hr. LC₅₀ fish >1,000 mg/l

Biopersistence and Degradability: The wood portion of this product would be expected to be biodegradable.

Polymeric MDI
The effects from a simulated accidental pollution event in a pond with polymeric MDI on different trophic levels of the aquatic ecosystem were investigated (Heimbach F. et.al., 1996). Neither monomeric MDI nor its potential reaction product MDA (4, 4’-diphenylmethanediamine) was detected in water or accumulated by fish. The MDI polymerized to inert polyurea on the sediment of the test ponds. This polymerization formed carbon dioxide, released as bubbles which floated to the water surface. There was no direct effect on the pelagic community (phytoplankton, zooplankton, fish, and macrophytes) of the test ponds.

Coating material
May contain residual surface acid that will cause lowering of pH. The acidic nature of the material warrants that it should not be allowed to enter the natural environment.

Bioaccumulation: NAV
Soil Mobility: NAV
Other adverse effects: NAP
13. Disposal Considerations

Waste Disposal Method: CAUTION: Appreciable levels of sulfuric acid vapors and/or sulfur gases including SO₂ may be emitted if the coating layer is burned in an open fire. Collect and store unused portions and residue for proper disposal as it is the user’s responsibility to determine at the time of disposal whether your waste meets RCRA criteria for hazardous waste. Follow applicable federal, state, and local regulations.

14. Transport Information

Mode: (air, land, water) Not regulated as a hazardous material by the U.S. Department of Transportation. Not listed as a hazardous material in Canadian Transportation of Dangerous Goods (TDG) regulations. Not regulated as a hazardous material by IMDG or IATA regulations concerning the transport of hazardous materials.

UN Proper Shipping Name: NAP
UN/NA ID Number: NAP
Hazard Class: NAP
Packing Group: NAP
Environmental Hazards (Marine Pollutant): NAP
Special precautions: NAP

15. Regulatory Information

TSCA: All components of this product are listed on the TSCA inventory.
CERCLA: NAP
DSL: All components of this product are listed on the Canada DSL.
OSHA: Wood products are not hazardous under the criteria of the federal OSHA Hazard Communication Standard 29 CFR 1910.1200. However, dust as well as antimony trioxide generated by sawing, sanding or machining this product are considered hazardous.

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. This product also has the potential to release trace amounts of antimony trioxide, arsenic, lead and silica, crystalline (airborne particles of respirable size), chemicals known to the state of California to cause cancer. This material may also contain trace amounts of lead and arsenic, which are known to the state of California to cause birth defects or other reproductive harm.

Pennsylvania – When drilling, sawing, sanding or machining, this product may emit wood dust. Crystalline silica, wood dust, arsenic, lead and antimony trioxide appear on Pennsylvania’s Appendix A, Hazardous Substance Lists.

New Jersey – When cut or otherwise machined, the product may emit wood dust. Wood dust, lead, crystalline silica, antimony trioxide and arsenic and appear on the New Jersey Environmental Hazardous Substance List.
15. Regulatory Information (cont’d.)

SARA 313 Information: This product does not contain any chemical ingredient(s) with known CAS numbers that exceed the de minimis reporting levels established by SARA Title III, section 313 and 40 CFR section 372.

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: 08/30/2012
Date Revised: 08/27/2018
Prepared By: Weyerhaeuser Company Health and Safety.

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 proposed application(s) and to follow necessary safety precautions. The user has the responsibility to ensure that the most current SDS is used.

Definition of Terms

ACGIH® = American Conference of Governmental Industrial Hygienists
C = Ceiling Limit
CAS# = Chemical Abstracts System Number
DOT = U. S. Department of Transportation
DSL = Domestic Substance List
EC# = Identifying Number Assigned to Chemicals Contained in the European Inventory of Existing Chemical Substances (EINECS)
EC50 = Effective Concentration That Inhibits the Endpoint to 50% of Control Population
EPA = U.S. Environmental Protection Agency
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
HMIS = (Canada) Hazardous Materials Identification System
IARC = International Agency for Research on Cancer
IATA = International Air Transport Association
IMDG = International Maritime Dangerous Goods
LC50 = Concentration in Air Resulting in Death To 50% of Experimental Animals
LCLo = Lowest Concentration in Air Resulting in Death
LD50 = Administered Dose Resulting in Death to 50% of Experimental Animals
### 16. Other Information (cont’d.)

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>LDLo</td>
<td>Lowest Dose Resulting in Death</td>
</tr>
<tr>
<td>LEL</td>
<td>Lower Explosive Limit</td>
</tr>
<tr>
<td>LFL</td>
<td>Lower Flammable Limit</td>
</tr>
<tr>
<td>MSHA</td>
<td>Mine Safety and Health Administration</td>
</tr>
<tr>
<td>NAP</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>NAV</td>
<td>Not Available</td>
</tr>
<tr>
<td>NIOSH</td>
<td>National Institute for Occupational Safety and Health</td>
</tr>
<tr>
<td>NFPA</td>
<td>National Fire Protection Association</td>
</tr>
<tr>
<td>NPRI</td>
<td>(Canada) National Pollution Release Inventory</td>
</tr>
<tr>
<td>NTP</td>
<td>National Toxicology Program</td>
</tr>
<tr>
<td>OSHA</td>
<td>Occupational Safety and Health Administration</td>
</tr>
<tr>
<td>PEL</td>
<td>Permissible Exposure Limit</td>
</tr>
<tr>
<td>PNOR</td>
<td>Particulate Not Otherwise Regulated</td>
</tr>
<tr>
<td>PNOS</td>
<td>Particulate Not Otherwise Specified</td>
</tr>
<tr>
<td>RCRA</td>
<td>Resource Conservation and Recovery Act</td>
</tr>
<tr>
<td>STEL</td>
<td>Short-Term Exposure Limit (15 minutes)</td>
</tr>
<tr>
<td>STP</td>
<td>Standard Temperature and Pressure</td>
</tr>
<tr>
<td>TCLo</td>
<td>Lowest Concentration in Air Resulting in a Toxic Effect</td>
</tr>
<tr>
<td>TDG</td>
<td>(Canada) Transportation of Dangerous Goods</td>
</tr>
<tr>
<td>TDLo</td>
<td>Lowest Dose Resulting In a Toxic Effect</td>
</tr>
<tr>
<td>TLV</td>
<td>Threshold Limit Value</td>
</tr>
<tr>
<td>TSCA</td>
<td>Toxic Substance Control Act</td>
</tr>
<tr>
<td>TWA</td>
<td>Time-Weighted Average (8 hours)</td>
</tr>
<tr>
<td>UFL</td>
<td>Upper Flammable Limit</td>
</tr>
<tr>
<td>WHMIS</td>
<td>(Canada) Workplace Hazardous Materials Information System</td>
</tr>
</tbody>
</table>
Danger

Wood dust may cause nasopharyngeal cancer and/or cancer of the nasal cavities and paranasal sinuses by inhalation. May cause respiratory, skin and eye irritation.

May form combustible dust concentrations in air if small particles are formed during processing or handling.

Precautions: Do not handle until all safety precautions have been read and understood. Use outdoors or in a well-ventilated area. Avoid breathing dust and wear appropriate protective equipment for respiratory, skin or eye exposures. Prevent dust release and accumulations to minimize hazards. 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 skin 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.

Weyerhaeuser

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Label for TimberStrand® LSL products. See SDS 8/2018 for additional information.