

Safety Data Sheet



Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

- Product Name** • **LP OSB Sheathing, LP TopNotch Sub-Flooring, LP LongLength, LP LongLengthXL, LP SuperStruct**
- Synonyms** • Oriented Strand Board; Waferboard; Waferwood
- Product Description** • 3/8", 7/16", 15/32", 1/2", 19/32", 5/8", 23/32", 3/4", 7/8", 1", 1-1/8", (nominal) thicknesses consisting of a composite wood substrate; 8', 9', 10', 24' lengths, 4' widths.

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

- Relevant identified use(s)** • Wall and roof sheathing; sub-flooring; Industrial applications

1.3 Details of the supplier of the safety data sheet

- Manufacturer** • Louisiana-Pacific Corporation
414 Union Street, Suite 2000
Nashville, TN 37219
United States
www.lpcorp.com

- Telephone (General)** • 877-744-5600

1.4 Emergency telephone number

- Manufacturer** • 615-986-5600

Section 2: Hazards Identification

EU/EEC

According to: Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]

According to: EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

2.1 Classification of the substance or mixture

This product is not hazardous in the form in which it is shipped by the manufacturer but may become hazardous by downstream activities (e.g., cutting, sanding, milling) that reduce its particle size. Those hazards are described below.

- CLP**
- Skin Sensitization 1 - H317
 - Respiratory Sensitization 1 - H334
 - Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation - H335
 - Carcinogenicity 1A - H350
- DSD/DPD**
- Irritant (Xi)
 - Harmful (Xn)
 - Carcinogenic Substances - Category 1
 - R37, R42/43, R45

2.2 Label Elements

CLP

DANGER



- Hazard statements**
- H317 - May cause an allergic skin reaction
 - H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
 - H335 - May cause respiratory irritation
 - H350 - May cause cancer.

Precautionary statements

- Prevention**
- P201 - Obtain special instructions before use.
 - P202 - Do not handle until all safety precautions have been read and understood.
 - P261 - Avoid breathing dust.
 - P271 - Use only outdoors or in a well-ventilated area.
 - P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 - P281 - Use personal protective equipment as required.
 - P285 - In case of inadequate ventilation wear respiratory protection.
- Response**
- P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 - P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
 - P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
 - P321 - Specific treatment, see supplemental first aid information.
 - P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
 - P363 - Wash contaminated clothing before reuse.
 - P308+P313 - IF exposed or concerned: Get medical advice/attention.

- Storage/Disposal**
- P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

DSD/DPD



- Risk phrases**
- R37 - Irritating to respiratory system.
 - R42/43 - May cause sensitisation by inhalation and skin contact.
 - R45 - May cause cancer.

- Safety phrases**
- S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
 - S53 - Avoid exposure - obtain special instructions before use.

2.3 Other Hazards

CLP

- May form combustible dust concentrations in air.
According to Regulation (EC) No. 1272/2008 (CLP) this material is considered hazardous.

DSD/DPD

- May form combustible dust concentrations in air.
According to European Directive 1999/45/EC this material is considered dangerous.

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

This product is not hazardous in the form in which it is shipped by the manufacturer but may become hazardous by downstream activities (e.g., cutting, sanding, milling) that reduce its particle size. Those hazards are described below.

OSHA HCS 2012

- Skin Sensitization 1
- Respiratory Sensitization 1
- Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation
- Carcinogenicity 1A
- Combustible Dust

2.2 Label elements

OSHA HCS 2012

DANGER



- Hazard statements**
- May cause an allergic skin reaction
 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
 - May cause respiratory irritation
 - May cause cancer.
 - May form combustible dust concentrations in air.

Precautionary statements

- Prevention**
- Obtain special instructions before use.
 - Do not handle until all safety precautions have been read and understood.
 - Avoid breathing dust.
 - Use only outdoors or in a well-ventilated area.
 - Wear protective gloves/protective clothing/eye protection/face protection.
 - In case of inadequate ventilation wear respiratory protection.
- Response**
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
 - Call a POISON CENTER or doctor/physician if you feel unwell.
 - If on skin: Wash with plenty of water.
 - Specific treatment, see supplemental first aid information.
 - If skin irritation or rash occurs: Get medical advice/attention.
 - Wash contaminated clothing before reuse.
 - IF exposed or concerned: Get medical advice/attention.

- Storage/Disposal**
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

2.3 Other hazards

OSHA HCS 2012

- Not applicable.

Canada
According to: WHMIS

2.1 Classification of the substance or mixture

This product is not hazardous in the form in which it is shipped by the manufacturer but may become hazardous by downstream activities (e.g., cutting, sanding, milling) that reduce its particle size. Those hazards are described below.

- WHMIS**
- Other Toxic Effects - D2A
Other Toxic Effects - D2B

2.2 Label elements

WHMIS



- Other Toxic Effects - D2A
Other Toxic Effects - D2B

2.3 Other hazards

- WHMIS**
- May form combustible dust concentrations in air.
In Canada, the product mentioned above is considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

2.4 Other information

- This product is not hazardous in the form in which it is shipped by the manufacturer but may become hazardous by downstream activities (e.g., cutting, sanding, milling) that reduce its particle size. Those hazards are described above.

Section 3 - Composition/Information on Ingredients

3.1 Substances

- Material does not meet the criteria of a substance in accordance with Regulation (EC) No 1272/2008.

3.2 Mixtures

Composition			
Chemical Name	Identifiers	%	Classifications According to Regulation/Directive
Wood Strands	NDA	80% TO 95%	EU DSD/DPD: Xi, R37; Xn, R42/43; Carc 1, R45 EU CLP: Self Classified: Skin Sens 1, H317; Resp Sens 1, H334; STOT SE 3, H335; Carc 1A, H350 OSHA HCS 2012: Skin Sens 1, Resp Sens 1, STOT SE 3 (Resp Irrit), Carc 1A, Comb Dust
Phenol-Formaldehyde Resin Solids	CAS:9003-35-4	< 7%	EU DSD/DPD: Exposure limits EU CLP: Exposure limits OSHA HCS 2012: Exposure limits
Polyurea/Polyurethane Solids ⁽¹⁾	NDA	< 6%	EU DSD/DPD: Not relevant EU CLP: Not relevant OSHA HCS 2012: Not relevant
Tallow Wax ⁽²⁾	CAS:8030-12-4	< 2%	EU DSD/DPD: Not relevant EU CLP: Not relevant OSHA HCS 2012: Not relevant

Paraffin Wax ⁽²⁾	CAS:8002-74-2 EC Number: 232-315-6	< 2%	EU DSD/DPD: Exposure limits EU CLP: Exposure limits OSHA HCS 2012: Exposure limits
Palm Wax ⁽²⁾	CAS:68514-74-9 EINECS:271-056-3	< 2%	EU DSD/DPD: Not relevant EU CLP: Not relevant OSHA HCS 2012: Not relevant
Release Agent	NDA	< 1%	EU DSD/DPD: Not relevant EU CLP: Not relevant OSHA HCS 2012: Not relevant
Edge Sealant	NDA	< 1%	EU DSD/DPD: Not relevant EU CLP: Not relevant OSHA HCS 2012: Not relevant

⁽¹⁾ This ingredient is a cured, inert and polymerized form of polymeric diphenylmethane diisocyanate (pMDI) adhesive. All pMDI has been reacted during the curing process to form polyurea/polyurethane solids.

⁽²⁾ One of the waxes listed above was used in the manufacturing process.

Key to abbreviations

NDA = No Data Available

Section 4 - First Aid Measures

4.1 Description of first aid measures

- Inhalation** • IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.
- Skin** • In case of contact with substance, wash with plenty of soap and water. If irritation develops and persists, get medical attention.
- Eye** • In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If eye irritation persists: Get medical advice/attention.
- Ingestion** • First aid is not expected to be necessary if material is used under ordinary conditions and as recommended.

4.2 Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

4.3 Indication of any immediate medical attention and special treatment needed

- Notes to Physician** • All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5 - Firefighting Measures

5.1 Extinguishing media

Suitable Extinguishing Media • Water, Dry Chemical, Sand and CO₂.

Unsuitable Extinguishing Media • None known.

5.2 Special hazards arising from the substance or mixture

- Unusual Fire and Explosion Hazards** • Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.
- Hazardous Combustion Products** • No data available

5.3 Advice for firefighters

- Wear positive pressure self-contained breathing apparatus (SCBA).
Structural firefighters' protective clothing will only provide limited protection.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

- Personal Precautions**
- Use appropriate Personal Protective Equipment (PPE) Do not breathe dust. Avoid generating dust. Avoid contact with skin, eyes or clothing.
- Emergency Procedures**
- ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).
Avoid activities that cause wood dust to become airborne.

6.2 Environmental precautions

- No special environmental precautions necessary.

6.3 Methods and material for containment and cleaning up

- Containment/Clean-up Measures**
- Avoid generating dust.
Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration.
Sweep up carefully to avoid generating airborne dust or use a vacuum rated for use with combustible dust.
Place recovered wood dust in a container for proper disposal.

6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage

7.1 Precautions for safe handling

- Handling**
- Minimize dust generation and accumulation. Do not use in areas without adequate ventilation. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Provide adequate precautions, such as electrical grounding and bonding. Keep away from heat and ignition sources – No Smoking. Do not breathe dust. Do not eat, drink or smoke when using this product. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Avoid prolonged and repeated contact with the skin.

7.2 Conditions for safe storage, including any incompatibilities

- Storage**
- Store in a dry, well-ventilated place.

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits/Guidelines						
	Result	ACGIH	Australia	Canada Alberta	Canada British Columbia	Canada Manitoba
Paraffin Wax (8002-74-2)	TWAs	2 mg/m3 TWA (fume)	2 mg/m3 TWA (fume)	2 mg/m3 TWA (fume)	2 mg/m3 TWA (fume)	2 mg/m3 TWA (fume)
Wood Strands	TWAs	10 mg/m3 TWA (inhalable particles, recommended); 3 mg/m3 TWA	Not established	10 mg/m3 TWA (total); 3 mg/m3 TWA (respirable)	10 mg/m3 TWA (total dust); 3 mg/m3 TWA (respirable fraction)	10 mg/m3 TWA (inhalable particles, recommended); 3 mg/m3 TWA

	(respirable particles, recommended) <i>as Particulates not otherwise classified (PNOC)</i> 0.5 mg/m ³ TWA (inhalable fraction) <i>as Wood dust, western red cedar</i> 1 mg/m ³ TWA (inhalable fraction) <i>as Wood dusts (all other wood dusts)</i>		<i>as Particulates not otherwise classified (PNOC)</i> 5 mg/m ³ TWA (total) <i>as Wood dust, all soft and hard woods</i> 0.5 mg/m ³ TWA (total) <i>as Wood dust, western red cedar</i>	<i>as Particulates not otherwise classified (PNOC)</i>	(respirable particles, recommended) <i>as Particulates not otherwise classified (PNOC)</i> 0.5 mg/m ³ TWA (inhalable fraction) <i>as Wood dust, western red cedar</i> 1 mg/m ³ TWA (inhalable fraction) <i>as Wood dusts (all other wood dusts)</i>
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	Result	Canada New Brunswick	Canada Northwest Territories	Canada Nova Scotia	Canada Nunavut	Canada Ontario
Paraffin Wax (8002-74-2)	TWAs	2 mg/m3 TWA (fume)	2 mg/m3 TWA (fume)	2 mg/m3 TWA (fume)	2 mg/m3 TWA (fume)	2 mg/m3 TWA (fume)
	STELs	Not established	6 mg/m3 STEL (fume)	Not established	6 mg/m3 STEL (fume)	Not established
Wood Strands	TWAs	3 mg/m3 TWA (particulate matter containing no Asbestos and <1% Crystalline silica, respirable fraction); 10 mg/m3 TWA (particulate matter containing no Asbestos and <1% Crystalline silica, inhalable fraction) <i>as Particulates not otherwise classified (PNOC)</i>	5 mg/m3 TWA (respirable mass); 10 mg/m3 TWA (total mass) <i>as Particulates not otherwise classified (PNOC)</i> 5 mg/m3 TWA <i>as Wood dust, all soft and hard woods</i>	10 mg/m3 TWA (inhalable particles, recommended); 3 mg/m3 TWA (respirable particles, recommended) <i>as Particulates not otherwise classified (PNOC)</i> 0.5 mg/m3 TWA (inhalable fraction) <i>as Wood dust, western red cedar</i> 1 mg/m3 TWA (inhalable fraction) <i>as Wood dusts (all other wood dusts)</i>	5 mg/m3 TWA (respirable mass); 10 mg/m3 TWA (total mass) <i>as Particulates not otherwise classified (PNOC)</i> 5 mg/m3 TWA <i>as Wood dust, all soft and hard woods</i>	10 mg/m3 TWA (inhalable); 3 mg/m3 TWA (respirable) <i>as Particulates not otherwise classified (PNOC)</i>
	STELs	Not established	10 mg/m3 STEL <i>as Wood dust, all soft and hard woods</i>	Not established	10 mg/m3 STEL <i>as Wood dust, all soft and hard woods</i>	Not established

	Result	Canada Quebec	Canada Saskatchewan	Canada Yukon	Czech Republic	France
Paraffin Wax (8002-74-2)	TWAs	2 mg/m3 TWAEV (fume)	2 mg/m3 TWA	2 mg/m3 TWA (fume)	Not established	2 mg/m3 TWA [VME] (fume)
	STELs	Not established	4 mg/m3 STEL	6 mg/m3 STEL (fume)	Not established	Not established
Phenol-Formaldehyde Resin Solids (9003-35-4)	TWAs	Not established	Not established	Not established	5.0 mg/m3 TWA (dust)	Not established
Wood Strands	TWAs	10 mg/m3 TWAEV (including dust, inert or nuisance particulates;	10 mg/m3 TWA (insoluble or poorly soluble, inhalable fraction); 3 mg/m3	5 mg/m3 TWA (non-allergenic); 2.5 mg/m3 TWA (allergenic, including	Not established	1 mg/m3 TWA [VME] (restrictive limit) <i>as Wood dust, all soft</i>

		containing no Asbestos and <1% Crystalline silica, total dust) <i>as Particulates not otherwise classified (PNOC)</i> 5 mg/m3 TWAEV (except red cedar, containing no Asbestos and <1% Crystalline silica, total dust) <i>as Wood dust, all soft and hard woods</i> 2.5 mg/m3 TWAEV (containing no Asbestos and <1% Crystalline silica, total dust) <i>as Wood dust, western red cedar</i>	TWA (insoluble or poorly soluble, respirable fraction) <i>as Particulates not otherwise classified (PNOC)</i>	cedar, mahogany, teak) <i>as Wood dust, all soft and hard woods</i>		<i>and hard woods</i>
	STELs	Not established	20 mg/m3 STEL (insoluble or poorly soluble, inhalable fraction); 6 mg/m3 STEL (insoluble or poorly soluble, respirable fraction) <i>as Particulates not otherwise classified (PNOC)</i>	10 mg/m3 STEL (non-allergenic); 5 mg/m3 STEL (allergenic, including cedar, mahogany, teak) <i>as Wood dust, all soft and hard woods</i>	Not established	Not established

Exposure Limits/Guidelines (Con't.)

	Result	Mexico	New Zealand	NIOSH	OSHA	Russia
Paraffin Wax (8002-74-2)	STELs	6 mg/m3 STEL [LMPE-CT] (fume)	Not established	Not established	Not established	Not established
	TWAs	2 mg/m3 TWA LMPE-PPT (fume)	2 mg/m3 TWA (fume)	2 mg/m3 TWA (fume)	Not established	Not established
Phenol-Formaldehyde Resin Solids (9003-35-4)	TWAs	Not established	Not established	Not established	Not established	6 mg/m3 TWA (aerosol)
Wood Strands	TWAs	Not established	3 mg/m3 TWA (respirable dust); 10 mg/m3 TWA (inhalable dust) <i>as Particulates not otherwise classified (PNOC)</i>	1 mg/m3 TWA <i>as Wood dust, all soft and hard woods</i>	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction) <i>as Particulates not otherwise classified (PNOC)</i>	6 mg/m3 TWA (containing <2% Silicon dioxide, aerosol, listed under Animal and plant origin dust) <i>as Wood dust, all soft and hard woods</i>

Exposure Control Notations

Japan

•Wood Strands as Wood dust, all soft and hard woods: **Carcinogens:** (Group 1 - Carcinogenic to Humans)

Russia

•Wood Strands as Wood dust, all soft and hard woods: **Sensitizers:** (Allergenic substance (listed under Animal and plant dust))

ACGIH

•Wood Strands as Wood dust, western red cedar: **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen) | **Sensitizers:** (dermal sensitizer; respiratory sensitizer)

- Wood Strands as Wood dusts (all other wood dusts): **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen)

Exposure Limits Supplemental

ACGIH

- Paraffin Wax (8002-74-2): **TLV Basis - Critical Effects:** (nausea (fume); upper respiratory tract irritation (fume))
- Wood Strands as Wood dust, western red cedar: **TLV Basis - Critical Effects:** (asthma)
- Wood Strands as Wood dusts (all other wood dusts): **TLV Basis - Critical Effects:** (pulmonary function)

8.2 Exposure controls

Engineering

Measures/Controls

- Ensure that dust handling systems (such as exhaust ducts, dust collectors, vessels and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is not leakage from the equipment).

Personal Protective Equipment

Respiratory

- For limited exposure use an N95 dust mask. For prolonged exposure use an air-purifying respirator with high efficiency particulate air (HEPA) filters. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

Eye/Face

- Wear safety goggles.

Hands

- Wear appropriate gloves.

Skin/Body

- Wear long sleeves and/or protective coveralls.

General Industrial

Hygiene Considerations

- Wash hands before eating. Ensure adequate ventilation during use.

Environmental

Exposure Controls

- Follow best practice for site management and disposal of waste.

Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene

MSHA = Mine Safety and Health Administration

NIOSH = National Institute of Occupational Safety and Health

OSHA = Occupational Safety and Health Administration

STEL = Short Term Exposure Limits are based on 15-minute exposures

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

LMPE = Maximum permissible exposure limit (Spanish)

Section 9 - Physical and Chemical Properties

9.1 Information on Physical and Chemical Properties

Material Description			
Physical Form	Solid	Appearance/Description	Solid wood product.
Color	Varies	Odor	Typical wood odor.
Odor Threshold	Not Applicable		
General Properties			
Boiling Point	Not Applicable	Melting Point	Not Applicable
Decomposition Temperature	Not Applicable	pH	Not Applicable
Specific Gravity/Relative Density	Data lacking	Water Solubility	Not Applicable
Viscosity	Not Applicable	Explosive Properties	Data lacking
Oxidizing Properties:	Data lacking		
Volatility			
Vapor Pressure	Not Applicable	Vapor Density	Not Applicable
Evaporation Rate	Not Applicable		
Flammability			

Flash Point	Not Applicable	UEL	Not Applicable
LEL	Not Applicable	Autoignition	200 to 260 C(392 to 500 F)
Flammability (solid, gas)	Data lacking		
Environmental			
Octanol/Water Partition coefficient	Data lacking		

9.2 Other Information

- No additional physical and chemical parameters noted.

Section 10: Stability and Reactivity

10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

- Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4 Conditions to avoid

- Accumulation of dusts - mixtures of wood dust and air may be explosive when ignited. Ignition sources, heat.

10.5 Incompatible materials

- No data available

10.6 Hazardous decomposition products

- No data available

Section 11 - Toxicological Information

11.1 Information on toxicological effects

Other Material Information • This product is not hazardous in the form in which it is shipped by the manufacturer but may become hazardous by downstream activities (e.g., cutting, sanding, milling) that reduce its particle size. Those hazards are described below.

GHS Properties	Classification
Acute toxicity	EU/CLP•Data lacking OSHA HCS 2012•Data lacking
Aspiration Hazard	EU/CLP•Data lacking OSHA HCS 2012•Data lacking
Carcinogenicity	EU/CLP•Carcinogenicity 1A OSHA HCS 2012•Carcinogenicity 1A
Germ Cell Mutagenicity	EU/CLP•Data lacking OSHA HCS 2012•Data lacking
Skin corrosion/Irritation	EU/CLP•Data lacking OSHA HCS 2012•Data lacking
Skin sensitization	EU/CLP•Skin Sensitizer 1 OSHA HCS 2012•Skin Sensitizer 1

STOT-RE	EU/CLP•Data lacking OSHA HCS 2012•Data lacking
STOT-SE	EU/CLP•Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation OSHA HCS 2012•Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation
Toxicity for Reproduction	EU/CLP•Data lacking OSHA HCS 2012•Data lacking
Respiratory sensitization	EU/CLP•Respiratory Sensitizer 1 OSHA HCS 2012•Respiratory Sensitizer 1
Serious eye damage/Irritation	EU/CLP•Data lacking OSHA HCS 2012•Data lacking

Medical Conditions • Disorders of the lungs.

Aggravated by Exposure

Potential Health Effects

Inhalation

- Acute (Immediate)** • Exposure to dust may cause irritation. Processes such as cutting, grinding, crushing, or impact may result in generation of excessive amounts of airborne dusts in the workplace. Nuisance dust may affect the lungs but reactions are typically reversible. Wood dust (generated from sawing, sanding or machining the product) may cause nasal dryness, irritation, coughing and sinusitis.
- Chronic (Delayed)** • Prolonged exposure to the dust may cause wheezing, chest tightness, productive cough, nasal irritation and symptoms of chronic respiratory disease. Wood dust, depending on the species, may cause respiratory sensitization with prolonged, repetitive contact or exposure to elevated dust levels.

Skin

- Acute (Immediate)** • Exposure to dust may cause mechanical irritation. May cause skin sensitization. Symptoms include redness and skin rash.
- Chronic (Delayed)** • No data available.

Eye

- Acute (Immediate)** • Exposure to dust may cause mechanical irritation. Excessive concentrations of nuisance dust in the workplace may reduce visibility and may cause unpleasant deposits in eyes.
- Chronic (Delayed)** • No data available.

Ingestion

- Acute (Immediate)** • Excessive concentrations of nuisance dust in the workplace may cause mechanical irritation to mucous membranes.
- Chronic (Delayed)** • No data available

Carcinogenic Effects

- According to its Twelfth Report on Carcinogens the National Toxicology Program states, "many case reports and epidemiological studies (including cohort studies and case-control studies that specifically addressed nasal cancer) have found a strong association between exposure to wood dust and cancer of the nasal cavity. Strong and consistent associations with cancer of the nasal cavity and paranasal sinuses were observed both in studies of people whose occupations were associated with wood-dust exposure and in studies that directly estimated wood dust exposure."

Section 12 - Ecological Information

12.1 Toxicity

- Material data lacking.

12.2 Persistence and degradability

- Material data lacking.

12.3 Bioaccumulative potential

- Material data lacking.

12.4 Mobility in Soil

- Material data lacking.

12.5 Results of PBT and vPvB assessment

- PBT and vPvB assessment has not been carried out.

12.6 Other adverse effects

- Material data lacking.

Section 13 - Disposal Considerations

13.1 Waste treatment methods

- Product waste** • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.
- Packaging waste** • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	NDA	Not regulated	NDA	NDA	NDA
TDG	NDA	Not regulated	NDA	NDA	NDA
IMO/IMDG	NDA	Not regulated	NDA	NDA	NDA
IATA/ICAO	NDA	Not Regulated	NDA	NDA	NDA

- 14.6 Special precautions for user** • None specified.

- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** • Not applicable.

Section 15 - Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications

- Acute, Chronic

State Right To Know				
Component	CAS	MA	NJ	PA
Palm Wax	68514-74-9	No	No	No
Paraffin Wax	8002-74-2	Yes	Yes	Yes
Phenol-Formaldehyde Resin Solids	9003-35-4	No	No	No
Tallow Wax	8030-12-4	No	No	No
Wood Strands	NDA	No	Yes	No

Inventory						
Component	CAS	Australia AICS	Canada DSL	Canada NDSL	EU EINECS	EU ELNICS
Palm Wax	68514-74-9	Yes	Yes	No	Yes	No
Paraffin Wax	8002-74-2	Yes	Yes	No	Yes	No
Phenol-Formaldehyde Resin Solids	9003-35-4	Yes	Yes	No	No	No
Tallow Wax	8030-12-4	Yes	Yes	No	Yes	No
Wood Strands	NDA	Yes	Yes	No	Yes	No
Inventory (Con't.)						
Component	CAS	Japan ENCS	New Zealand	TSCA		
Palm Wax	68514-74-9	Yes	Yes	Yes		
Paraffin Wax	8002-74-2	Yes	Yes	Yes		
Phenol-Formaldehyde Resin Solids	9003-35-4	Yes	Yes	Yes		
Tallow Wax	8030-12-4	Yes	Yes	Yes		
Wood Strands	NDA	Yes	Yes	Yes		

Australia

Labor

Australia - Work Health and Safety Regulations - Hazardous Substances Requiring Health Monitoring

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Australia - High Volume Industrial Chemicals List

•Paraffin Wax	8002-74-2	
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Australia - List of Designated Hazardous Substances - Classification

•Paraffin Wax	8002-74-2	Self classification required (fume)
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Australia - Work Health and Safety Regulations - Threshold Quantity at Major Hazard Facilities (Table 15.1)

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Australia - Work Health and Safety Regulations - Threshold Quantity at Major Hazard Facilities (Table 15.2)

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Australia - Western Australia - Hazardous Substances Prohibited for Specified Uses

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed

•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed
Australia - Western Australia - Hazardous Substances Requiring Health Surveillance		
•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Environment

Australia - National Pollutant Inventory (NPI) Substance List		
•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed
Australia - Ozone Protection Act - Scheduled Substances		
•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed
Australia - Priority Existing Chemical Program		
•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Other

The Australia Group - Export Control List - Chemical Weapons Precursors		
•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Canada

Labor

Canada - WHMIS - Classifications of Substances		
•Paraffin Wax	8002-74-2	Uncontrolled product according to WHMIS classification criteria
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed
Canada - WHMIS - Ingredient Disclosure List		
•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Environment

Canada - CEPA - Priority Substances List		
•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Canada Alberta

Environment

Canada - Alberta - Ambient Air Quality Objectives

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Canada - Alberta - Ambient Air Quality Guidelines

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Canada - Alberta - Water Quality Guidelines for Freshwater Aquatic Life - Acute

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Canada - Alberta - Water Quality Guidelines for Freshwater Aquatic Life - Chronic

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Canada British Columbia

Environment

Canada - British Columbia - Ozone Depleting Substances

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Canada Manitoba

Environment

Canada - Manitoba - Ozone Depleting Substances and Other Halocarbons - Class 1

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Canada - Manitoba - Ozone Depleting Substances and Other Halocarbons - Class 2

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Canada New Foundland

Environment

Canada - Newfoundland & Labrador - Halocarbon Regulations - Schedule A

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Canada - Newfoundland & Labrador - Halocarbon Regulations - Schedule B

•Paraffin Wax	8002-74-2	Not Listed
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•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed
Canada - Newfoundland & Labrador - Halocarbon Regulations - Schedule C		
•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed
Canada - Newfoundland & Labrador - Halocarbon Regulations - Schedule D		
•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed
Canada - Newfoundland & Labrador - Halocarbon Regulations - Schedule E		
•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Canada Northwest Territories

Other

Canada - Northwest Territories - Ozone Depleting Substances and Halocarbon Alternatives		
•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Canada Nova Scotia

Environment

Canada - Nova Scotia - Ozone Layer Protection Regulations		
•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Canada Ontario

Environment

Canada - Ontario - Airborne Contaminant Reporting - Table 2A		
•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed
Canada - Ontario - Airborne Contaminant Reporting - Table 2B		
•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed
Canada - Ontario - Drinking Water Standards - Aesthetic Objectives (AO)		
•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Canada - Ontario - Drinking Water Standards - Interim Maximum Acceptable Concentrations (IMAC)

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Canada - Ontario - Drinking Water Standards - Maximum Acceptable Concentration (MAC)

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Canada - Ontario - Drinking Water Standards - Operational Guidelines (OG)

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Canada - Ontario - Ozone Depleting Substances and Other Halocarbons - Class 1 Substances

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Canada - Ontario - Ozone Depleting Substances and Other Halocarbons - Class 2 Substances

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Canada - Ontario - Ozone Depleting Substances and Other Halocarbons - Halocarbons

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Canada Saskatchewan**Environment****Canada - Saskatchewan - Dangerous Goods - Acute Hazardous Substances**

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Canada - Saskatchewan - Dangerous Goods - Environmental Persistent or Chronic Hazardous Substances

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Canada - Saskatchewan - Dangerous Goods - Industrial Hazardous Substances

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Other**Canada - Substances Regulated Under F&DA That Were In Commerce Between 1/1/84 and 12/31/86**

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed

•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Canada Yukon

Environment

Canada - Yukon - Ozone Depleting Substances and Other Halocarbons

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Europe

Other

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Japan

Labor

Japan - ISHL Dangerous Substances

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Japan - ISHL Designated Carcinogens

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Japan - ISHL Prevention of Lead Poisoning

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed
Japan - ISHL Mutagens - Existing Chemicals		
•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Environment

Japan - Air Pollution Control Law - Emission Standards for Air Pollutants

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Japan - Environmental Quality Standards - Annual Air Quality

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Japan - Environmental Quality Standards - Daily Air Quality

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Japan - Environmental Quality Standards - Soil Pollution

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Japan - Environmental Quality Standards - Public Water/Groundwater - Monitored Substances and Guideline Values

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Japan - Environmental Quality Standards - Public Water - Protection of Human Health

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Inventory - Japan - Industrial Safety and Health Law Substances (ISHL)

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Other

Japan - Drinking Water Quality Standards - Supplied Water Quality Standard Values

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed

•Palm Wax	68514-74-9	Not Listed
Japan - Chemical Substance Control Law (CSCL) - Examined Existing Chemical Substances		
•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed
Japan - Fire Service Law - Hazardous Materials		
•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed
Japan - Harmful Substances in Household Products		
•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed
Japan - Chemical Substance Control Law (CSCL) - Specified Chemical Substances		
•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Netherlands

Other

Netherlands - List of Carcinogens		
•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed
Netherlands - Major Accidents - Qualifying Quantities for Accident Prevention		
•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed
Netherlands - Major Accidents - Qualifying Quantities for Safety Reporting		
•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

New Zealand

Other

New Zealand - Ozone Depleting Substances		
•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Russia

Labor

Russia - Limiting Quantities of Hazardous Substances		
•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed

•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

United States

Labor

U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

U.S. - OSHA - Specifically Regulated Chemicals

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

Environment

U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

United States - California



California residents: WARNING: Cancer and Reproductive Harm
www.p65Warnings.ca.gov
NOT LABELED FOR INDIVIDUAL SALE

Environment

U.S. - California - Proposition 65 - Carcinogens List

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		carcinogen, initial date 12/18/09
•Palm Wax	68514-74-9	Not Listed

U.S. - California - Proposition 65 - Developmental Toxicity

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Female

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Male

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

United States - Pennsylvania

Labor

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances

•Paraffin Wax	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Tallow Wax	8030-12-4	Not Listed
•Wood Strands as Wood dust, all soft and hard woods		Not Listed
•Palm Wax	68514-74-9	Not Listed

15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

Section 16 - Other Information

Last Revision Date • 02/August/2018
Preparation Date • 05/May/2015

Disclaimer/Statement of Liability • This SDS is intended solely for safety education and not for use as specifications or warranties. The information in this SDS was obtained from usually reliable sources and is provided without any representation for warranties regarding the accuracy or correctness. Since the handling, use, and storage is beyond our control, LP assumes no responsibility and disclaims liability for any loss, damage, or expense arising therefrom.



Danger

- H350 May cause cancer.
- May form combustible dust concentrations in air.
- H317 May cause an allergic skin reaction
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
- H335 May cause respiratory irritation

Precaution:

- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P261 Avoid breathing dust, fume, gas, mist, vapours and/or spray.
- P271 Use only outdoors or in a well-ventilated area.
- P285 In case of inadequate ventilation wear respiratory protection.
- P312 Call a POISON CENTER or doctor/physician if you feel unwell.
- P322 Specific measures, see supplemental first aid information.
- P363 Wash contaminated clothing before reuse.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P308+P313 IF exposed or concerned: Get medical advice/attention.
- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
- P501 Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.;