



Safety Data Sheet

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

1.1 Product identifier

- Product Name** • **Canexel Prefinished Siding; Prefinished Hardboard Exterior Lap Siding;**
Product Description • Hardboard wood substrate with baked on coatings in nominal thicknesses and various lengths and widths.

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

- Relevant identified use(s)** • Exterior Cladding

1.3 Details of the supplier of the safety data sheet

- Manufacturer** • Maibec CanExel, S.E.C.
202 -1984 5ième rue
Lévis, QC G6W 5M6
canexel.ca

- Telephone (General)** • 1 800 363-1930

1.4 Emergency telephone number

- Manufacturer** • 418 830-8855

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	NDA	85% TO 94%	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
Paraffin Wax	CAS: 8002-74-2 EC Number: 232-315-6	< 3.5%	EU DSD/DPD: Exposure limits EU CLP: Exposure limits OSHA HCS 2012: Exposure limits
Phenol-Formaldehyde Resin Solids	CAS: 9003-35-4	< 2.5%	EU DSD/DPD: Not relevant EU CLP: Not relevant OSHA HCS 2012: Not relevant
Aluminum sulfate	CAS: 10043-01-3 EINECS: 233-135-0	< 2%	EU DSD/DPD: Not relevant EU CLP: Not relevant OSHA HCS 2012: Not relevant
Top Coat	NDA	< 1%	EU DSD/DPD: Not relevant EU CLP: Not relevant OSHA HCS 2012: Not relevant

PrePress Sealer	NDA	< 1%	EU DSD/DPD: Not relevant EU CLP: Not relevant OSHA HCS 2012: Not relevant
Base Coat	NDA	< 1%	EU DSD/DPD: Not relevant EU CLP: Not relevant OSHA HCS 2012: Not relevant

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 (8002-74-2)	TWAs	2 mg/m ³ TWA (fume)	2 mg/m ³ TWA (fume)	2 mg/m ³ TWA (fume)	2 mg/m ³ TWA (fume)	2 mg/m ³ TWA (fume)
Wood	TWAs	10 mg/m ³ TWA (inhalable particles, recommended); 3 mg/m ³ TWA	Not established	10 mg/m ³ TWA (total); 3 mg/m ³ TWA (respirable)	10 mg/m ³ TWA (total dust); 3 mg/m ³ TWA (respirable fraction)	10 mg/m ³ TWA (inhalable particles, recommended); 3 mg/m ³ TWA

		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	NIOSH	OSHA
Paraffin (8002-74-2)	TWAs	2 mg/m3 TWA (fume)	Not established
Wood	TWAs	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>

Exposure Control Notations

Japan

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

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	Data lacking
Specific Gravity/Relative Density	Data lacking	Water Solubility	Not Applicable
Viscosity	Not Applicable	Explosive Properties	
Oxidizing Properties:			
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)			
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 Aggravated by Exposure • Disorders of the lungs.

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
Aluminum sulfate	10043-01-3	Yes	Yes	Yes
Paraffin	8002-74-2	Yes	Yes	Yes
Phenol-Formaldehyde Resin Solids	9003-35-4	No	No	No
Wood	NDA	No	Yes	No

Inventory						
Component	CAS	Australia AICS	Canada DSL	Canada NDSL	EU EINECS	EU ELNICS
Aluminum sulfate	10043-01-3	Yes	Yes	No	Yes	No
Paraffin	8002-74-2	Yes	Yes	No	Yes	No
Phenol-Formaldehyde Resin Solids	9003-35-4	Yes	Yes	No	No	No
Wood	NDA	Yes	Yes	No	Yes	No
Inventory (Con't.)						
Component	CAS	Japan ENCS	TSCA			
Aluminum sulfate	10043-01-3	Yes	Yes			
Paraffin	8002-74-2	Yes	Yes			
Phenol-Formaldehyde	9003-35-4	Yes	Yes			

Resin Solids			
Wood	NDA	Yes	Yes

Australia

Labor

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

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

Australia - High Volume Industrial Chemicals List

•Aluminum sulfate	10043-01-3	
•Paraffin	8002-74-2	
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

Australia - List of Designated Hazardous Substances - Classification

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Self classification required (fume)
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

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

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

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

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

Australia - Western Australia - Hazardous Substances Prohibited for Specified Uses

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

Australia - Western Australia - Hazardous Substances Requiring Health Surveillance

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

Environment

Australia - National Pollutant Inventory (NPI) Substance List

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

Australia - Ozone Protection Act - Scheduled Substances

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

Australia - Priority Existing Chemical Program

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

Other

The Australia Group - Export Control List - Chemical Weapons Precursors

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

Canada

Labor

Canada - WHMIS - Classifications of Substances

•Aluminum sulfate	10043-01-3	D2B Uncontrolled product according to WHMIS classification criteria
•Paraffin	8002-74-2	
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

Canada - WHMIS - Ingredient Disclosure List

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

Environment

Canada - CEPA - Priority Substances List

•Aluminum sulfate	10043-01-3	Priority Substance List 2 (substance not considered toxic)
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

Canada Saskatchewan

Environment

Canada - Saskatchewan - Dangerous Goods - Acute Hazardous Substances

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

Other

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

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

Europe

Other

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

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

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

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

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

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

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

•Aluminum sulfate	10043-01-3	Not Listed
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•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed
EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases		
•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

Japan

Labor

Japan - ISHL Dangerous Substances

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

Japan - ISHL Designated Carcinogens

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

Japan - ISHL Prevention of Lead Poisoning

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

Japan - ISHL Mutagens - Existing Chemicals

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

Environment

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

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

Japan - Environmental Quality Standards - Annual Air Quality

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

Japan - Environmental Quality Standards - Daily Air Quality

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

Japan - Environmental Quality Standards - Soil Pollution

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

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

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

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

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed

•Wood as Wood dust, all soft and hard woods		Not Listed
Inventory - Japan - Industrial Safety and Health Law Substances (ISHL)		
•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

Other

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

•Aluminum sulfate	10043-01-3	0.2 mg/L (as Al, listed under Aluminum and its compounds)
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

Japan - Chemical Substance Control Law (CSCL) - Examined Existing Chemical Substances

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

Japan - Fire Service Law - Hazardous Materials

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

Japan - Harmful Substances in Household Products

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

Japan - Chemical Substance Control Law (CSCL) - Specified Chemical Substances

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

Netherlands

Other

Netherlands - List of Carcinogens

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

Netherlands - Major Accidents - Qualifying Quantities for Accident Prevention

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

Netherlands - Major Accidents - Qualifying Quantities for Safety Reporting

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

Russia

Labor

Russia - Limiting Quantities of Hazardous Substances

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

United States

Labor

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

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

U.S. - OSHA - Specifically Regulated Chemicals

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

Environment

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

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

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

•Aluminum sulfate	10043-01-3	5000 lb final RQ; 2270 kg final RQ
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

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

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

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

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

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

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

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

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

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

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

United States - California

Environment

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

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		carcinogen, initial date 12/18/09

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

•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed

•Wood as Wood dust, all soft and hard woods		Not Listed
U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)		
•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed
U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)		
•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed
U.S. - California - Proposition 65 - Reproductive Toxicity - Female		
•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed
U.S. - California - Proposition 65 - Reproductive Toxicity - Male		
•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

United States - Pennsylvania

Labor

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List		
•Aluminum sulfate	10043-01-3	
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed
U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances		
•Aluminum sulfate	10043-01-3	Not Listed
•Paraffin	8002-74-2	Not Listed
•Phenol-Formaldehyde Resin Solids	9003-35-4	Not Listed
•Wood as Wood dust, all soft and hard woods		Not Listed

15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

Section 16 - Other Information

Last Revision Date	• 03/June/2022
Preparation Date	• 18/November/2014
Disclaimer/Statement of Liability	• This MSDS is intended solely for safety education and not for use as specifications or warranties. The information in this MSDS 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, Maibec CanExel™ assumes no responsibility and disclaims liability for any loss, damage, or expense arising therefrom.

Key to abbreviations

NDA = No Data Available