



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

1.1 Product identifier

Product Name • LP Engineered Wood Products

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

Relevant identified use(s) • Various engineered wood building products for wall, roof, or floor components; structural or nonstructural construction components; industrial applications.
This SDS applies to all of LP's wood products except those with fire retardant coatings.

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

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

EU/EEC

According to: Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 2015/830]

2.1 Classification of the substance or mixture

CLP • Skin Sensitization 1 - H317
Respiratory Sensitization 1 - H334
Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation - H335
Carcinogenicity 1A - H350

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 • P202 - Do not handle until all safety precautions have been read and understood.
P261 - Avoid breathing dust.
P271 - Use (saw, sand, etc.) only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P284 - In case of inadequate ventilation wear respiratory protection.

Response • P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTER/doctor.
P302+P352 - IF ON SKIN: Wash with plenty of water.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
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.

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.

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

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 • Do not handle until all safety precautions have been read and understood.
Avoid breathing dust.
Use (saw, sand, etc.) 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 person to fresh air and keep comfortable for breathing.
If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
If on skin: Wash with plenty of water.
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 • Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Canada

According to: WHMIS 2015

2.1 Classification of the substance or mixture

WHMIS 2015 • Not classified

2.2 Label elements

WHMIS 2015

Hazard statements • No label element(s) required

Precautionary statements

2.3 Other hazards

WHMIS 2015 • Under Canadian regulations (Workplace Hazardous Materials Information System (WHMIS) - Hazardous Products Act (HPA), Section 11(1)), these product(s) are exempt and considered manufactured article(s) under stated normal conditions of use.

2.4 Other information

- This product is not hazardous in the form in which it is shipped by the manufacturer but health and/or physical hazards may be created by downstream activities (e.g., cutting, sanding, milling) that reduce its particle size. Those hazards are described above.
- This may be a treated engineered wood article:
 - Treated panel, siding, trim, laminated strand lumber (LSL), or I-Joist products which incorporate a biocidal product to control wood destroying organisms (insect or fungal). Active Ingredient: Boric Acid.
 - Treated I-Joist or laminated veneer lumber products which incorporate a biocidal product to control wood destroying organisms (insect). Active Ingredients: Bifenthrin, or Imidacloprid.
 - When working with any of the treated products, the following is recommended:
Use (saw, sand, etc.) only outdoors in a well-ventilated area. Avoid breathing wood dust. In case of inadequate ventilation, wear respiratory protection. Wear appropriate PPE (gloves, eye, and face protection). 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. Store

in a protected location. Dispose of waste material in accordance with local, regional and national regulations.

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 (may include fiber, strands, or veneer) | NDA | 80% TO 95% | EU CLP: Skin Sens. 1, H317; Resp. Sens. 1, H334; STOT SE 3: Resp. Irrit., H335; Carc. 1A, H350 OSHA HCS 2012: Skin Sens. 1; Resp. Sens. 1; STOT SE 3: Resp. Irrit.; Carc. 1A; Comb. Dust WHMIS 2015: Skin Sens. 1; Resp. Sens. 1; STOT SE 3: Resp. Irrit.; Carc. 1A; Comb. Dust |
| Resin (one or more of the following resins may be incorporated in the product) | | | |
| Phenol-Formaldehyde Resin Solids | CAS: 9003-35-4 | < 14% | EU CLP: Exposure limits (member states) OSHA HCS 2012: Not relevant WHMIS 2015: Not relevant |
| Polyurea/Polyurethane Solids ⁽¹⁾ | NDA | < 10% | EU CLP: Not relevant OSHA HCS 2012: Not relevant WHMIS 2015: Not relevant |
| Phenol-Resorcinol-Formaldehyde Resin Solids (may be present in I-Joist products) | NDA | < 9% | EU CLP: Not relevant OSHA HCS 2012: Not relevant WHMIS 2015: Not relevant |
| Melamine-Formaldehyde Resin Solids (may be present in I-Joist products) | CAS: 25036-13-9 | < 2% | EU CLP: Not relevant OSHA HCS 2012: Not relevant WHMIS 2015: Not relevant |
| Wax (paraffin, slack, emulsion) | CAS: 8002-74-2 EC Number: 232-315-6 | < 2% | EU CLP: Exposure limits OSHA HCS 2012: Exposure limits WHMIS 2015: Exposure limits |
| Overlays or laminates (paper / foil etc) | NDA | < 5% | EU CLP: Not relevant OSHA HCS 2012: Not relevant WHMIS 2015: Not relevant |
| Paints / Sealers / Glues Adhesives / Release Agents | NDA | < 2% | EU CLP: Not relevant OSHA HCS 2012: Not relevant WHMIS 2015: Not relevant |
| Aluminum sulfate (2:3) (may be present in fiber-based products) | CAS: 10043-01-3 EINECS: 233-135-0 | < 2% | EU CLP: Exposure limits OSHA HCS 2012: Exposure limits WHMIS 2015: Exposure limits |
| Polymerized linseed oil (may be present in fiber-based products) | CAS: 67746-08-1 | < 1% | EU CLP: Not relevant OSHA HCS 2012: Not relevant WHMIS 2015: Not relevant |
| Boric Acid, Zinc Salt (may be present in treated panel, siding, trim, laminated strand lumber (LSL), or I-Joist products) | CAS: 138265-88-0 | < 3% | EU CLP: Exposure limits OSHA HCS 2012: Exposure limits WHMIS 2015: Exposure limits |
| Imidacloprid (may be present in treated I-Joist or laminated veneer lumber products) | CAS: 138261-41-3 EU Index: 612-252-00-4 | < 0.01% | EU CLP: Not relevant OSHA HCS 2012: Not relevant WHMIS 2015: Not relevant |
| Bifenthrin (may be present in treated I-Joist or laminated veneer lumber products) | CAS: 82657-04-3 EU Index: 607-699-00-7 | < 0.01% | EU CLP: Not relevant OSHA HCS 2012: Not relevant WHMIS 2015: 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.

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 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 |
| Wax (paraffin, slack, emulsion) (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) |
| Boric Acid, Zinc Salt | TWAs | 10 mg/m ³ TWA (inhalable particles, recommended); 3 mg/m ³ TWA (respirable particles, recommended) <i>as Particulates not otherwise classified (PNOC)</i> | Not established | 10 mg/m ³ TWA (total); 3 mg/m ³ TWA (respirable) <i>as Particulates not otherwise classified (PNOC)</i> | 10 mg/m ³ TWA (nuisance dust, total dust); 3 mg/m ³ TWA (nuisance dust, respirable fraction) <i>as Particulates not otherwise classified (PNOC)</i> | 10 mg/m ³ TWA (inhalable particles, recommended); 3 mg/m ³ TWA (respirable particles, recommended) <i>as Particulates not otherwise classified (PNOC)</i> |
| Wood (may include fiber, strands, or veneer) | TWAs | 10 mg/m ³ TWA (inhalable particles, recommended); 3 mg/m ³ TWA (respirable particles, recommended) <i>as Particulates not otherwise classified (PNOC)</i> | Not established | 10 mg/m ³ TWA (total); 3 mg/m ³ TWA (respirable) <i>as Particulates not otherwise classified (PNOC)</i> 5 mg/m ³ TWA (total) <i>as Wood dust, all soft and hard woods</i> | 10 mg/m ³ TWA (nuisance dust, total dust); 3 mg/m ³ TWA (nuisance dust, respirable fraction) <i>as Particulates not otherwise classified (PNOC)</i> | 10 mg/m ³ TWA (inhalable particles, recommended); 3 mg/m ³ TWA (respirable particles, recommended) <i>as Particulates not otherwise classified (PNOC)</i> |
| Exposure Limits/Guidelines (Con't.) | | | | | | |
| | Result | Canada New Brunswick | Canada Northwest Territories | Canada Nova Scotia | Canada Nunavut | Canada Ontario |

| | | | | | | |
|--|---------------|--|--|--|--|--|
| Wax (paraffin, slack, emulsion) (8002-74-2) | TWAs | 2 mg/m3 TWA (fume) | 2 mg/m3 TWA | 2 mg/m3 TWA (fume) | 2 mg/m3 TWA | 2 mg/m3 TWA (fume) |
| | STELs | Not established | 4 mg/m3 STEL | Not established | 4 mg/m3 STEL | Not established |
| Boric Acid, Zinc Salt | 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> | 10 mg/m3 TWA (insoluble or poorly soluble, inhalable fraction); 3 mg/m3 TWA (insoluble or poorly soluble, respirable fraction) <i>as Particulates not otherwise classified (PNOC)</i> | 10 mg/m3 TWA (inhalable particles, recommended); 3 mg/m3 TWA (respirable particles, recommended) <i>as Particulates not otherwise classified (PNOC)</i> | 10 mg/m3 TWA (insoluble or poorly soluble, inhalable fraction); 3 mg/m3 TWA (insoluble or poorly soluble, respirable fraction) <i>as Particulates not otherwise classified (PNOC)</i> | 10 mg/m3 TWA (inhalable); 3 mg/m3 TWA (respirable) <i>as Particulates not otherwise classified (PNOC)</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> | 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> | Not established |
| Wood (may include fiber, strands, or veneer) | 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> | 10 mg/m3 TWA (insoluble or poorly soluble, inhalable fraction); 3 mg/m3 TWA (insoluble or poorly soluble, respirable fraction) <i>as Particulates not otherwise classified (PNOC)</i> | 10 mg/m3 TWA (inhalable particles, recommended); 3 mg/m3 TWA (respirable particles, recommended) <i>as Particulates not otherwise classified (PNOC)</i> | 10 mg/m3 TWA (insoluble or poorly soluble, inhalable fraction); 3 mg/m3 TWA (insoluble or poorly soluble, respirable fraction) <i>as Particulates not otherwise classified (PNOC)</i> | 10 mg/m3 TWA (inhalable); 3 mg/m3 TWA (respirable) <i>as Particulates not otherwise classified (PNOC)</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> | 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> | Not established |
| Exposure Limits/Guidelines (Con't.) | | | | | | |
| | Result | Canada Quebec | Canada Saskatchewan | Canada Yukon | Chile | China |
| Wax (paraffin, slack, emulsion) (8002-74-2) | STELs | Not established | 4 mg/m3 STEL | 6 mg/m3 STEL (fume) | Not established | 4 mg/m3 STEL (fume) |
| | TWAs | 2 mg/m3 TWAEV (fume) | 2 mg/m3 TWA | 2 mg/m3 TWA (fume) | 1.6 mg/m3 TWA LPP (solid, fume) | 2 mg/m3 TWA (fume) |
| Boric Acid, Zinc Salt | STELs | Not established | 20 mg/m3 STEL (insoluble or poorly soluble, inhalable) | Not established | Not established | 16 mg/m3 STEL (free SiO2 <10%; except asbestos and toxic) |

| | | | | | | |
|--|---------------|---|--|--|------------------------------|--|
| | | | fraction); 6 mg/m3 STEL (insoluble or poorly soluble, respirable fraction) <i>as Particulates not otherwise classified (PNOC)</i> | | | substances; use PC-STEL of silica When free SiO2 >10%, total) <i>as Particulates not otherwise classified (PNOC)</i> |
| | TWAs | 10 mg/m3 TWAEV (including dust, inert or nuisance particulates; containing no Asbestos and <1% Crystalline silica, total dust) <i>as Particulates not otherwise classified (PNOC)</i> | 10 mg/m3 TWA (insoluble or poorly soluble, inhalable fraction); 3 mg/m3 TWA (insoluble or poorly soluble, respirable fraction) <i>as Particulates not otherwise classified (PNOC)</i> | Not established | Not established | 8 mg/m3 TWA (free SiO2 <10%, except asbestos and toxic substances. Use PC-TWA of silica When free SiO2 >10%, total) <i>as Particulates not otherwise classified (PNOC)</i> |
| Wood (may include fiber, strands, or veneer) | 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 | 16 mg/m3 STEL (free SiO2 <10%, except asbestos and toxic substances; use PC-STEL of silica When free SiO2 >10%, total) <i>as Particulates not otherwise classified (PNOC)</i> 6 mg/m3 STEL (total) <i>as Wood dust, all soft and hard woods</i> |
| | TWAs | 10 mg/m3 TWAEV (including dust, inert or nuisance particulates; 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> | 10 mg/m3 TWA (insoluble or poorly soluble, inhalable fraction); 3 mg/m3 TWA (insoluble or poorly soluble, respirable fraction) <i>as Particulates not otherwise classified (PNOC)</i> | 5 mg/m3 TWA (non-allergenic); 2.5 mg/m3 TWA (allergenic, including cedar, mahogany, teak) <i>as Wood dust, all soft and hard woods</i> | Not established | 8 mg/m3 TWA (free SiO2 <10%, except asbestos and toxic substances. Use PC-TWA of silica When free SiO2 >10%, total) <i>as Particulates not otherwise classified (PNOC)</i> 3 mg/m3 TWA (total) <i>as Wood dust, all soft and hard woods</i> |
| Exposure Limits/Guidelines (Con't.) | | | | | | |
| | Result | Czech Republic | France | Korea | Mexico | New Zealand |
| Wax (paraffin, slack, emulsion) (8002-74-2) | STELs | Not established | Not established | Not established | 6 mg/m3 STEL [PPT-CT] (fume) | Not established |
| | TWAs | Not established | 2 mg/m3 TWA [VME] (fume) | 2 mg/m3 TWA (fume, Serial No. 004) | 2 mg/m3 TWA VLE-PPT (fume) | 2 mg/m3 TWA (fume) |
| Boric Acid, Zinc Salt | TWAs | Not established | 10 mg/m3 TWA [VME] (restrictive) | 10 mg/m3 TWA (no more than 1%) | Not established | 3 mg/m3 TWA (respirable dust); 10 |

| | | | | | | |
|--|------|----------------------------------|--|---|-----------------|---|
| | | | limit); 5 mg/m ³ TWA [VME] (restrictive limit) <i>as Particulates not otherwise classified (PNOC)</i> | crystalline silica, Serial No. 717) <i>as Particulates not otherwise classified (PNOC)</i> | | mg/m ³ TWA <i>as Particulates not otherwise classified (PNOC)</i> |
| Phenol-Formaldehyde Resin Solids (9003-35-4) | TWAs | 5.0 mg/m ³ TWA (dust) | Not established | Not established | Not established | Not established |
| Wood (may include fiber, strands, or veneer) | TWAs | Not established | 10 mg/m ³ TWA [VME] (restrictive limit); 5 mg/m ³ TWA [VME] (restrictive limit) <i>as Particulates not otherwise classified (PNOC)</i> 1 mg/m ³ TWA [VME] (restrictive limit) <i>as Wood dust, all soft and hard woods</i> | 10 mg/m ³ TWA (no more than 1% crystalline silica, Serial No. 717) <i>as Particulates not otherwise classified (PNOC)</i> | Not established | 3 mg/m ³ TWA (respirable dust); 10 mg/m ³ TWA <i>as Particulates not otherwise classified (PNOC)</i> |

Exposure Limits/Guidelines (Con't.)

| | Result | NIOSH | OSHA | Russia | United Kingdom |
|--|--------|---|--|--|---------------------------------|
| Wax (paraffin, slack, emulsion) (8002-74-2) | STELs | Not established | Not established | Not established | 6 mg/m ³ STEL (fume) |
| | TWAs | 2 mg/m ³ TWA (fume) | Not established | Not established | 2 mg/m ³ TWA (fume) |
| Aluminum sulfate (2:3) (10043-01-3) | STELs | Not established | Not established | 2 mg/m ³ STEL (aerosol, as Al) | Not established |
| | TWAs | Not established | Not established | 0.5 mg/m ³ TWA (aerosol, as Al) | Not established |
| Boric Acid, Zinc Salt | TWAs | Not established | 15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction) <i>as Particulates not otherwise classified (PNOC)</i> | Not established | Not established |
| Phenol-Formaldehyde Resin Solids (9003-35-4) | TWAs | Not established | Not established | 6 mg/m ³ TWA (aerosol) | Not established |
| Wood (may include fiber, strands, or veneer) | TWAs | 1 mg/m ³ TWA <i>as Wood dust, all soft and hard woods</i> | 15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction) <i>as Particulates not otherwise classified (PNOC)</i> | 6 mg/m ³ TWA (containing <2% Silicon dioxide, aerosol, listed under Animal and plant origin dust) <i>as Wood dust, all soft and hard woods</i> | Not established |

Exposure Control Notations

Japan

•Wood (may include fiber, strands, or veneer) as Wood dust, all soft and hard woods: **Carcinogens:** (Group 1 - Carcinogenic to Humans)

Russia

•Wood (may include fiber, strands, or veneer) as Wood dust, all soft and hard woods: **Sensitizers:** (Allergenic substance (containing <2% Silicon dioxide, listed under Animal and plant origin dust))

Exposure Limits Supplemental

OSHA

•Wood (may include fiber, strands, or veneer) as Particulates not otherwise classified (PNOC): **Mineral Dusts:** (15 mppcf TWA (respirable fraction); 5 mg/m³ TWA (respirable fraction); 50 mppcf TWA (total dust); 15 mg/m³ TWA (total dust))

•Boric Acid, Zinc Salt as Particulates not otherwise classified (PNOC): **Mineral Dusts:** (15 mppcf TWA (respirable fraction); 5 mg/m³ TWA (respirable

fraction); 50 mppcf TWA (total dust); 15 mg/m³ TWA (total dust))

ACGIH

•Wax (paraffin, slack, emulsion) (8002-74-2): **TLV Basis - Critical Effects:** (nausea (fume); upper respiratory tract irritation (fume))

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 Basic Physical and Chemical Properties

| Material Description | | | |
|-----------------------------------|----------------|------------------------------|------------------------------|
| Physical Form | Solid | Appearance/Description | Solid wood product. |
| Color | Data lacking | Odor | Typical wood odor. |
| Odor Threshold | Data lacking | | |
| General Properties | | | |
| Boiling Point | Not Applicable | Melting Point/Freezing 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 health and/or physical hazards may be created 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 WHMIS 2015•Data lacking |
| Skin corrosion/Irritation | EU/CLP•Data lacking OSHA HCS 2012•Data lacking WHMIS 2015•Data lacking |
| Serious eye damage/Irritation | EU/CLP•Data lacking OSHA HCS 2012•Data lacking WHMIS 2015•Data lacking |
| Skin sensitization | EU/CLP•Skin Sensitizer 1 OSHA HCS 2012•Skin Sensitizer 1 WHMIS 2015•Data lacking |
| Respiratory sensitization | EU/CLP•Respiratory Sensitizer 1 OSHA HCS 2012•Respiratory Sensitizer 1 WHMIS 2015•Data lacking |
| Aspiration Hazard | EU/CLP•Data lacking OSHA HCS 2012•Data lacking WHMIS 2015•Data lacking |

| | |
|---------------------------|--|
| Carcinogenicity | EU/CLP •Carcinogenicity 1 OSHA HCS 2012 •Carcinogenicity 1A WHMIS 2015 •Data lacking |
| Germ Cell Mutagenicity | EU/CLP •Data lacking OSHA HCS 2012 •Data lacking WHMIS 2015 •Data lacking |
| Toxicity for Reproduction | EU/CLP •Data lacking OSHA HCS 2012 •Data lacking WHMIS 2015 •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 WHMIS 2015 •Data lacking |
| STOT-RE | EU/CLP •Data lacking OSHA HCS 2012 •Data lacking WHMIS 2015 •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 | Not Applicable | Not Regulated | Not Applicable | Not Applicable | NDA |
| TDG | Not Applicable | Not Regulated | Not Applicable | Not Applicable | NDA |
| IMO/IMDG | Not Applicable | Not Regulated | Not Applicable | Not Applicable | NDA |
| IATA/ICAO | Not Applicable | Not Regulated | Not Applicable | Not Applicable | NDA |

14.6 Special precautions for user

- None specified.

14.7 Transport in bulk according to Annex II of Marpol 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 (2:3) | 10043-01-3 | Yes | Yes | Yes |
| Bifenthrin | 82657-04-3 | No | Yes | No |

| | | | | |
|--|-------------|-----|-----|-----|
| Boric Acid, Zinc Salt | 138265-88-0 | No | No | No |
| Imidacloprid | 138261-41-3 | No | No | No |
| Melamine-Formaldehyde Resin Solids | 25036-13-9 | No | No | No |
| Wax (paraffin, slack, emulsion) | 8002-74-2 | Yes | Yes | Yes |
| Phenol-Formaldehyde Resin Solids | 9003-35-4 | No | No | No |
| Polymerized linseed oil | 67746-08-1 | No | No | No |
| Wood (may include fiber, strands, or veneer) | NDA | No | Yes | No |

| Inventory | | | | | | |
|--|-------------|----------------|------------|-------------|-------|-----------|
| Component | CAS | Australia AICS | Canada DSL | Canada NDSL | China | EU EINECS |
| Aluminum sulfate (2:3) | 10043-01-3 | Yes | Yes | No | Yes | Yes |
| Bifenthrin | 82657-04-3 | No | No | No | Yes | No |
| Boric Acid, Zinc Salt | 138265-88-0 | No | No | No | Yes | No |
| Imidacloprid | 138261-41-3 | No | No | No | Yes | No |
| Melamine-Formaldehyde Resin Solids | 25036-13-9 | Yes | Yes | No | Yes | No |
| Wax (paraffin, slack, emulsion) | 8002-74-2 | Yes | Yes | No | Yes | Yes |
| Phenol-Formaldehyde Resin Solids | 9003-35-4 | Yes | Yes | No | Yes | No |
| Polymerized linseed oil | 67746-08-1 | Yes | Yes | No | Yes | No |
| Wood (may include fiber, strands, or veneer) | NDA | No | No | No | No | No |

| Inventory (Con't.) | | | | | | |
|------------------------------------|-------------|-----------|------------|------------|-------------|------|
| Component | CAS | EU ELNICS | Japan ENCS | Korea KECL | New Zealand | TSCA |
| Aluminum sulfate (2:3) | 10043-01-3 | No | Yes | Yes | Yes | Yes |
| Bifenthrin | 82657-04-3 | No | Yes | Yes | Yes | No |
| Boric Acid, Zinc Salt | 138265-88-0 | No | No | No | Yes | No |
| Imidacloprid | 138261-41-3 | Yes | No | No | Yes | No |
| Melamine-Formaldehyde Resin Solids | 25036-13-9 | No | Yes | Yes | Yes | Yes |
| Wax (paraffin, slack, emulsion) | 8002-74-2 | No | Yes | Yes | Yes | Yes |
| Phenol-Formaldehyde Resin Solids | 9003-35-4 | No | Yes | Yes | Yes | Yes |

| | | | | | | |
|--|------------|----|-----|-----|-----|-----|
| Polymerized linseed oil | 67746-08-1 | No | Yes | Yes | Yes | Yes |
| Wood (may include fiber, strands, or veneer) | NDA | No | No | No | No | No |

Australia

Labor

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

No ingredients subject to this requirement.

Australia - High Volume Industrial Chemicals List

No ingredients subject to this requirement.

Australia - List of Designated Hazardous Substances - Classification

| | | |
|-----------------------------------|-------------|-------------------------------------|
| • Bifenthrin | 82657-04-3 | T R25 |
| • Boric Acid, Zinc Salt | 138265-88-0 | Repr.Cat.2 R60, R61 |
| • Imidacloprid | 138261-41-3 | Xn, N R22, R50, R53 |
| • Wax (paraffin, slack, emulsion) | 8002-74-2 | Self classification required (fume) |

No other ingredients subject to this requirement.

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

No ingredients subject to this requirement.

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

No ingredients subject to this requirement.

Australia - Western Australia - Hazardous Substances Prohibited for Specified Uses

No ingredients subject to this requirement.

Australia - Western Australia - Hazardous Substances Requiring Health Surveillance

No ingredients subject to this requirement.

Environment

Australia - National Pollutant Inventory (NPI) Substance List

No ingredients subject to this requirement.

Australia - Ozone Protection Act - Scheduled Substances

No ingredients subject to this requirement.

Australia - Priority Existing Chemical Program

No ingredients subject to this requirement.

Other

The Australia Group - Export Control List - Chemical Weapons Precursors

No ingredients subject to this requirement.

Canada

Labor

Canada - WHMIS 1988 - Classifications of Substances

| | | |
|-----------------------------------|------------|---|
| • Aluminum sulfate (2:3) | 10043-01-3 | D2B |
| • Wax (paraffin, slack, emulsion) | 8002-74-2 | Uncontrolled product according to WHMIS classification criteria |

No other ingredients subject to this requirement.

Canada - WHMIS 1988 - Ingredient Disclosure List

No ingredients subject to this requirement.

Environment

Canada - CEPA - Priority Substances List

| | | |
|--------------------------|------------|--|
| • Aluminum sulfate (2:3) | 10043-01-3 | Priority Substance List 2 (substance not considered toxic) |
|--------------------------|------------|--|

No other ingredients subject to this requirement.

Canada - CEPA - Schedule I - List of Toxic Substances

No ingredients subject to this requirement.

Canada - CEPA - Schedule III Part 1 - Export Control List - Prohibited Substances

No ingredients subject to this requirement.

Canada - CEPA - Schedule III Part 2 - Export Control List - Substances Subject to Notification or Consent

No ingredients subject to this requirement.

Canada - CEPA - Schedule III Part 3 - Export Control List - Restricted Substances

No ingredients subject to this requirement.

Canada Alberta

Environment

Canada - Alberta - Ambient Air Quality Objectives

No ingredients subject to this requirement.

Canada - Alberta - Ambient Air Quality Guidelines

No ingredients subject to this requirement.

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

No ingredients subject to this requirement.

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

•Imidacloprid

138261-41-3 0.23 µg/L (interim)

No other ingredients subject to this requirement.

Canada British Columbia

Environment

Canada - British Columbia - Ozone Depleting Substances

No ingredients subject to this requirement.

Canada Manitoba

Environment

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

No ingredients subject to this requirement.

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

No ingredients subject to this requirement.

Canada New Foundland

Environment

Canada - Newfoundland & Labrador - Halocarbon Regulations - Schedule A

No ingredients subject to this requirement.

Canada - Newfoundland & Labrador - Halocarbon Regulations - Schedule B

No ingredients subject to this requirement.

Canada - Newfoundland & Labrador - Halocarbon Regulations - Schedule C

No ingredients subject to this requirement.

Canada - Newfoundland & Labrador - Halocarbon Regulations - Schedule D

No ingredients subject to this requirement.

Canada - Newfoundland & Labrador - Halocarbon Regulations - Schedule E

No ingredients subject to this requirement.

Canada Northwest Territories

Other

Canada - Northwest Territories - Ozone Depleting Substances and Halocarbon Alternatives

No ingredients subject to this requirement.

Canada Nova Scotia

Environment

Canada - Nova Scotia - Ozone Layer Protection Regulations

No ingredients subject to this requirement.

Canada Ontario

Environment

Canada - Ontario - Airborne Contaminant Reporting - Table 2B

No ingredients subject to this requirement.

Canada - Ontario - Drinking Water Standards - Aesthetic Objectives (AO)

No ingredients subject to this requirement.

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

No ingredients subject to this requirement.

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

No ingredients subject to this requirement.

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

No ingredients subject to this requirement.

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

No ingredients subject to this requirement.

Canada Saskatchewan

Environment

Canada - Saskatchewan - Dangerous Goods - Acute Hazardous Substances

No ingredients subject to this requirement.

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

No ingredients subject to this requirement.

Canada - Saskatchewan - Dangerous Goods - Industrial Hazardous Substances

No ingredients subject to this requirement.

Other

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

No ingredients subject to this requirement.

Canada Yukon

Environment

Canada - Yukon - Ozone Depleting Substances and Other Halocarbons

No ingredients subject to this requirement.

China

Other

China - Annex I & II - Controlled Chemicals Lists

No ingredients subject to this requirement.

Europe

Other

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

- Bifenthrin

82657-04-3

Carc.Cat.3; R40 T; R23/25
Xn; R48/22 R43 N; R50-53

- Imidacloprid

138261-41-3

Xn; R22 N; R50-53

No other ingredients subject to this requirement.

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

- Bifenthrin

82657-04-3

0.0025%≤C: N; R:50-53
0.00025%≤C<0.0025%: N;
R:51-53
0.000025%≤C<0.00025%:
R:52-53

No other ingredients subject to this requirement.

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

- Bifenthrin

82657-04-3

T N R:23/25-40-43-48/22-
50/53 S:(1/2)-23-24-36/37-
38-45-60-61

- Imidacloprid

138261-41-3

Xn N R:22-50/53 S:(2)-22-
57-60-61

No other ingredients subject to this requirement.

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

No ingredients subject to this requirement.

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

- Bifenthrin

82657-04-3

S:(1/2)-23-24-36/37-38-45-
60-61

- Imidacloprid

138261-41-3

S:(2)-22-57-60-61

No other ingredients subject to this requirement.

International

Environment

IPCS (International Programme on Chemical Safety) - List of Pesticide Data Sheets

No ingredients subject to this requirement.

Japan

Labor

Japan - ISHL Dangerous Substances

No ingredients subject to this requirement.

Japan - ISHL Designated Carcinogens

No ingredients subject to this requirement.

Japan - ISHL Prevention of Lead Poisoning

No ingredients subject to this requirement.

Japan - ISHL Mutagens - Existing Chemicals

No ingredients subject to this requirement.

Environment

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

No ingredients subject to this requirement.

Japan - Environmental Quality Standards - Annual Air Quality

No ingredients subject to this requirement.

Japan - Environmental Quality Standards - Daily Air Quality

No ingredients subject to this requirement.

Japan - Environmental Quality Standards - Soil Pollution

No ingredients subject to this requirement.

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

No ingredients subject to this requirement.

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

No ingredients subject to this requirement.

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

- Bifenthrin

82657-04-3 7-(3)-277

No other ingredients subject to this requirement.

Other

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

- Aluminum sulfate (2:3)

10043-01-3

0.2 mg/L (as Al, listed under Aluminum and its compounds)

No other ingredients subject to this requirement.

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

No ingredients subject to this requirement.

Japan - Fire Service Law - Hazardous Materials

No ingredients subject to this requirement.

Japan - Harmful Substances in Household Products

No ingredients subject to this requirement.

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

No ingredients subject to this requirement.

Korea

Labor

Korea - ISHA - Harmful Substances Prohibited for Manufacturing, Importing, Transferring, or Supplying

No ingredients subject to this requirement.

Korea - ISHA - Harmful Substances Requiring Permission

No ingredients subject to this requirement.

Environment

Korea - MOE - Toxic Chemicals Control Act (TCCA) - Observational Chemicals

No ingredients subject to this requirement.

Other

Korea - MOE - K-REACH/CCA - Prohibited Substances

No ingredients subject to this requirement.

Korea - MOE - K-REACH/CCA - Restricted Substances

No ingredients subject to this requirement.

Korea - MOE - K-REACH/CCA - Toxic Substances

No ingredients subject to this requirement.

Netherlands

Other

Netherlands - List of Carcinogens

No ingredients subject to this requirement.

Netherlands - Major Accidents - Qualifying Quantities for Accident Prevention

No ingredients subject to this requirement.

Netherlands - Major Accidents - Qualifying Quantities for Safety Reporting

No ingredients subject to this requirement.

New Zealand

Other

New Zealand - Ozone Depleting Substances

No ingredients subject to this requirement.

Russia

Labor

Russia - Limiting Quantities of Hazardous Substances - Hazard Class I

No ingredients subject to this requirement.

United Kingdom

Other

United Kingdom - Workplace Exposure Limits (WELs) - Substances in Review

No ingredients subject to this requirement.

United States

Labor

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

No ingredients subject to this requirement.

U.S. - OSHA - Specifically Regulated Chemicals

No ingredients subject to this requirement.

Environment

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

No ingredients subject to this requirement.

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

• Aluminum sulfate (2:3)

10043-01-3

5000 lb final RQ; 2270 kg final RQ

No other ingredients subject to this requirement.

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

No ingredients subject to this requirement.

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

No ingredients subject to this requirement.

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

No ingredients subject to this requirement.

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

• Bifenthrin

82657-04-3

1.0 % de minimis concentration

No other ingredients subject to this requirement.

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

No ingredients subject to this requirement.

United States - California

Environment

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

• Wood (may include fiber, strands, or veneer) as Wood dust, all soft and hard woods

carcinogen, 12/18/2009

No other ingredients subject to this requirement.

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

No ingredients subject to this requirement.

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

No ingredients subject to this requirement.

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

No ingredients subject to this requirement.

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

No ingredients subject to this requirement.

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

No ingredients subject to this requirement.

United States - Pennsylvania

Labor

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

No ingredients subject to this requirement.

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

No ingredients subject to this requirement.

15.2 Chemical Safety Assessment

• No Chemical Safety Assessment has been carried out.

Section 16 - Other Information

Revision Date • 30/November/2017

Preparation Date • 24/July/2017

**Disclaimer/Statement
of Liability**

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Key to abbreviations

NDA = No Data Available