

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: Low-Formaldehyde Bonded Wood Products

Synonyms: Hardwood and Softwood Plywood

Trade Name: IronPly[®] Premium Underlayment U.S Patent No. 8,414,996 and 9,242,391; LauanPlus[®]; PatriotBead[™] Plywood Beadboard U.S Patent No. 8,414,996 and 9,242,391; RevolutionPly[®] Plywood U.S Patent No. 8,414,996 and 9,242,391; SurePly[®] Premium Underlayment U.S Patent No. 8,414,996 and 9,242,391

1.2. Intended Use of the Product

Building Material – Industrial and Decorative

1.3. Name, Address, and Telephone of the Responsible Party

Company

Patriot Timber Products, Inc.

117 S. Westgate Drive

Greensboro, NC 27407

www.patriottimber.com

1.4. Emergency Telephone Number

Emergency Number : CHEMTREC 1-800-424-9300 chemtrec@chemtrec.com

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS-US/CA Classification

| | |
|---------------|------|
| Skin Irrit. 2 | H315 |
| Eye Irrit. 2A | H319 |
| Resp. Sens. 1 | H334 |
| Skin Sens. 1 | H317 |
| Carc. 1A | H350 |
| STOT SE 3 | H335 |
| STOT RE 1 | H372 |
| Comb. Dust | |

Full text of hazard classes and H-statements : see section 16

2.2. Label Elements

GHS-US/CA Labeling

Hazard Pictograms (GHS-US/CA)



Signal Word (GHS-US/CA)

: Danger

Hazard Statements (GHS-US/CA)

: May form combustible dust concentrations in air.
 H315 - Causes skin irritation.
 H317 - May cause an allergic skin reaction.
 H319 - Causes serious eye irritation.
 H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 H335 - May cause respiratory irritation.
 H350 - May cause cancer.
 H372 - Causes damage to organs through prolonged or repeated exposure.

Precautionary Statements (GHS-US/CA)

: P201 - Obtain special instructions before use.
 P202 - Do not handle until all safety precautions have been read and understood.
 P260 - Do not breathe dust.
 P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
 P270 - Do not eat, drink or smoke when using this product.

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- P271 - Use only outdoors or in a well-ventilated area.
 - P272 - Contaminated work clothing should not be allowed out of the workplace.
 - P280 - Wear protective gloves, protective clothing, and eye protection.
 - P284 - In case of inadequate ventilation wear respiratory protection.
 - P302+P352 - IF ON SKIN: Wash with plenty of water.
 - P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 - P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - P308+P313 - If exposed or concerned: Get medical advice/attention.
 - P312 - Call a POISON CENTER or doctor if you feel unwell.
 - P314 - Get medical advice/attention if you feel unwell.
 - P321 - Specific treatment (see section 4 on this SDS).
 - P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
 - P337+P313 - If eye irritation persists: Get medical advice/attention.
 - P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor.
 - P362+P364 - Take off contaminated clothing and wash it before reuse.
 - P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
 - P405 - Store locked up.
 - P501 - Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.
- Supplemental Information** : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Proper grounding procedures to avoid static electricity should be followed. Prevent dust accumulation (to minimize explosion hazard). Avoid generating dust.

2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions. Dust generated from material cutting may cause a slight irritation. Splinters may be generated, which could cause mechanical irritation or injure the eye. Product itself is not explosive but if dust is generated, dust clouds suspended in air can be explosive. The product may release small quantities of formaldehyde (CAS No. 50-00-0) in gaseous form. Emissions decrease through time as the panels age.

2.4. Unknown Acute Toxicity (GHS-US/CA)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

| Name | Product Identifier | % * | GHS Ingredient Classification |
|------------------------------------|-------------------------|--------|--|
| Wood dust, all soft and hard woods | (CAS No) Not applicable | ≥ 99.9 | Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 1A, H350 STOT SE 3, H335 STOT RE 1, H372 Comb. Dust |
| Formaldehyde | (CAS No) 50-00-0 | < 0.1 | Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation:gas), H331 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Muta. 2, H341 Carc. 1A, H350 Aquatic Acute 2, H401 |

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Full text of H-phrases: see section 16

*Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%).

SECTION 4: FIRST AID MEASURES

4.1. Description of First-aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation: Using proper respiratory protection, move the exposed person to fresh air at once. Encourage exposed person to cough, spit out, and blow nose to remove dust. Immediately call a poison center, physician, or emergency medical service.

Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

General: Causes serious eye irritation. Causes skin irritation. May cause respiratory irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Skin sensitization. May cause cancer. Causes damage to organs through prolonged or repeated exposure. Dust may cause mechanical irritation to eyes, nose, throat, and lungs.

Inhalation: Irritation of the respiratory tract and the other mucous membranes. Exposure may produce cough, mucous secretions, shortness of breath, chest tightness or other symptoms indicative of an allergic/sensitization reaction. Dust may be harmful or cause irritation.

Skin Contact: Redness, pain, swelling, itching, burning, dryness, and dermatitis. May cause an allergic skin reaction.

Eye Contact: Contact causes severe irritation with redness and swelling of the conjunctiva.

Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: May cause cancer. Causes damage to organs through prolonged or repeated exposure. Repeated or prolonged contact with skin may cause dermatitis.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Combustible Dust.

Explosion Hazard: Dust explosion hazard in air.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Toxic fumes may be released. Carbon oxides (CO, CO₂). Hydrogen cyanide. Aldehydes. Organic acids.

Other Information: Risk of dust explosion.

Reference to Other Sections

Refer to Section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not breathe dust. Do not get in eyes, on skin, or on clothing. Do not handle until all safety precautions have been read and understood. Avoid generating dust. Remove ignition sources. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.

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6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams. Avoid generation of dust during clean-up of spills.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Contact competent authorities after a spill. Use explosion proof vacuum during cleanup, with appropriate filter. Do not mix with other materials. Vacuum clean-up is preferred. If sweeping is required use a dust suppressant. Use only non-sparking tools.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Accumulation and dispersion of dust with an ignition source can cause a combustible dust explosion. Keep dust levels to a minimum and follow applicable regulations.

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid contact with eyes, skin and clothing. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust. Avoid creating or spreading dust. Keep away from heat, sparks, open flames, hot surfaces. –No smoking.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations. Avoid creating or spreading dust. Use explosion-proof electrical, ventilating, lighting equipment. Proper grounding procedures to avoid static electricity should be followed.

Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

7.3. Specific End Use(s)

Building Material – Industrial and Decorative

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

| Wood dust, all soft and hard woods (Not applicable) | | |
|---|--------------------------------------|---|
| USA NIOSH | NIOSH REL (TWA) (mg/m ³) | 1 mg/m ³ |
| Alberta | OEL TWA (mg/m ³) | 5 mg/m ³ (total) |
| Québec | VEMP (mg/m ³) | 5 mg/m ³ (except red cedar, containing no Asbestos and <1% Crystalline silica-total dust) |
| Yukon | OEL STEL (mg/m ³) | 10 mg/m ³ (non-allergenic) 5 mg/m ³ (allergenic, including cedar, mahogany, teak) |
| Yukon | OEL TWA (mg/m ³) | 5 mg/m ³ (non-allergenic) 2.5 mg/m ³ (allergenic, including cedar, mahogany, teak) |
| Formaldehyde (50-00-0) | | |
| Mexico | OEL Ceiling (mg/m ³) | 3 mg/m ³ |
| Mexico | OEL Ceiling (ppm) | 2 ppm |

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| | | |
|-------------------------|----------------------------------|--|
| USA ACGIH | ACGIH Ceiling (ppm) | 0.3 ppm |
| USA ACGIH | ACGIH chemical category | dermal sensitizer,Suspected Human Carcinogen |
| USA OSHA | OSHA PEL (TWA) (ppm) | 0.75 ppm |
| USA OSHA | OSHA PEL (STEL) (ppm) | 2 ppm (see 29 CFR 1910.1048) |
| USA NIOSH | NIOSH REL (TWA) (ppm) | 0.016 ppm |
| USA NIOSH | NIOSH REL (ceiling) (ppm) | 0.1 ppm |
| USA IDLH | US IDLH (ppm) | 20 ppm |
| Alberta | OEL Ceiling (mg/m ³) | 1.3 mg/m ³ |
| Alberta | OEL Ceiling (ppm) | 1 ppm |
| Alberta | OEL TWA (mg/m ³) | 0.9 mg/m ³ |
| Alberta | OEL TWA (ppm) | 0.75 ppm |
| British Columbia | OEL Ceiling (ppm) | 1 ppm |
| British Columbia | OEL TWA (ppm) | 0.3 ppm |
| Manitoba | OEL Ceiling (ppm) | 0.3 ppm |
| New Brunswick | OEL STEL (ppm) | 1.5 ppm |
| New Brunswick | OEL TWA (ppm) | 0.5 ppm |
| Newfoundland & Labrador | OEL Ceiling (ppm) | 0.3 ppm |
| Nova Scotia | OEL Ceiling (ppm) | 0.3 ppm |
| Nunavut | OEL Ceiling (ppm) | 0.3 ppm |
| Northwest Territories | OEL Ceiling (ppm) | 0.3 ppm |
| Ontario | OEL Ceiling (ppm) | 1.5 ppm |
| Ontario | OEL STEL (ppm) | 1 ppm |
| Prince Edward Island | OEL Ceiling (ppm) | 0.3 ppm |
| Québec | PLAFOND (mg/m ³) | 3 mg/m ³ |
| Québec | PLAFOND (ppm) | 2 ppm |
| Saskatchewan | OEL Ceiling (ppm) | 0.3 ppm |
| Yukon | OEL Ceiling (mg/m ³) | 3 mg/m ³ |
| Yukon | OEL Ceiling (ppm) | 2 ppm |

8.2. Exposure Controls

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Use local exhaust or general dilution ventilation or other suppression methods to maintain dust levels below exposure limits. Power equipment should be equipped with proper dust collection devices. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen-deficient environment.

Personal Protective Equipment: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.



Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear protective gloves.

Eye Protection: Chemical safety goggles.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

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| | |
|---|--|
| Physical State | : Solid |
| Appearance | : Light to dark colored granular solid - dependent upon wood species |
| Odor | : Dependent upon wood species |
| Odor Threshold | : Not available |
| pH | : Not available |
| Evaporation Rate | : Not available |
| Melting Point | : Not available |
| Freezing Point | : Not available |
| Boiling Point | : Not available |
| Flash Point | : Not available |
| Auto-ignition Temperature | : Not available |
| Decomposition Temperature | : Not available |
| Flammability (solid, gas) | : Not available |
| Lower Flammable Limit | : Not available |
| Upper Flammable Limit | : Not available |
| Vapor Pressure | : Not available |
| Relative Vapor Density at 20°C | : Not available |
| Relative Density | : Not available |
| Specific Gravity | : < 1 (Varies based on species and moisture content) |
| Solubility | : Water: < 0.1 % |
| Partition Coefficient: N-Octanol/Water | : Not available |
| Viscosity | : Not available |

SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity:** Hazardous reactions will not occur under normal conditions.
- 10.2. Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).
- 10.3. Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- 10.4. Conditions to Avoid:** Direct sunlight, extremely high or low temperatures, and incompatible materials. Sparks, heat, open flame and other sources of ignition. Dust accumulation (to minimize explosion hazard).
- 10.5. Incompatible Materials:** Strong acids, strong bases, strong oxidizers.
- 10.6. Hazardous Decomposition Products:** None expected under normal conditions of use.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects - Product

Acute Toxicity (Oral): Not classified

Acute Toxicity (Dermal): Not classified

Acute Toxicity (Inhalation): Not classified

LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: Causes skin irritation.

Eye Damage/Irritation: Causes serious eye irritation.

Respiratory or Skin Sensitization: May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

Germ Cell Mutagenicity: Not classified

Carcinogenicity: May cause cancer.

Specific Target Organ Toxicity (Repeated Exposure): Causes damage to organs through prolonged or repeated exposure.

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): May cause respiratory irritation.

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Irritation of the respiratory tract and the other mucous membranes. Exposure may produce cough, mucous secretions, shortness of breath, chest tightness or other symptoms indicative of an allergic/sensitization reaction. Dust may be harmful or cause irritation.

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Symptoms/Injuries After Skin Contact: Redness, pain, swelling, itching, burning, dryness, and dermatitis. May cause an allergic skin reaction.

Symptoms/Injuries After Eye Contact: Contact causes severe irritation with redness and swelling of the conjunctiva.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: May cause cancer. Causes damage to organs through prolonged or repeated exposure. Repeated or prolonged contact with skin may cause dermatitis.

11.2. Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

| Formaldehyde (50-00-0) | |
|------------------------|----------------|
| LD50 Oral Rat | 100 mg/kg |
| LD50 Dermal Rat | 270 mg/kg |
| ATE US/CA (gas) | 700.00 ppmV/4h |

| Wood dust, all soft and hard woods (Not applicable) | |
|---|---|
| IARC Group | 1 |
| National Toxicology Program (NTP) Status | Known Human Carcinogens. |
| OSHA Hazard Communication Carcinogen List | In OSHA Hazard Communication Carcinogen list. |

| Formaldehyde (50-00-0) | |
|---|---|
| IARC Group | 1 |
| National Toxicology Program (NTP) Status | Known Human Carcinogens. |
| OSHA Hazard Communication Carcinogen List | In OSHA Hazard Communication Carcinogen list. |
| OSHA Specifically Regulated Carcinogen List | In OSHA Specifically Regulated Carcinogen list. |

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General: Not classified.

| Formaldehyde (50-00-0) | |
|------------------------|--|
| LC50 Fish 1 | 22.6 - 25.7 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| EC50 Daphnia 1 | 2 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| LC50 Fish 2 | 1510 µg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static]) |
| EC50 Daphnia 2 | 11.3 - 18 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static]) |

12.2. Persistence and Degradability

| Low-Formaldehyde Bonded Wood Products | |
|---------------------------------------|------------------|
| Persistence and Degradability | Not established. |

12.3. Bioaccumulative Potential

| Low-Formaldehyde Bonded Wood Products | |
|---------------------------------------|------------------|
| Bioaccumulative Potential | Not established. |

| Formaldehyde (50-00-0) | |
|------------------------|-----------------|
| Log Pow | 0.35 (at 25 °C) |

12.4. Mobility in Soil Not available

12.5. Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

Additional Information: Container may remain hazardous when empty. Continue to observe all precautions.

Ecology - Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

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- 14.1. In Accordance with DOT** Not regulated for transport
- 14.2. In Accordance with IMDG** Not regulated for transport
- 14.3. In Accordance with IATA** Not regulated for transport
- 14.4. In Accordance with TDG** Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

| | |
|--|--|
| Low-Formaldehyde Bonded Wood Products | |
| SARA Section 311/312 Hazard Classes | Immediate (acute) health hazard Delayed (chronic) health hazard Fire hazard Sudden release of pressure hazard |
| Formaldehyde (50-00-0) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on the United States SARA Section 302 Subject to reporting requirements of United States SARA Section 313 | |
| CERCLA RQ | 100 lb |
| SARA Section 302 Threshold Planning Quantity (TPQ) | 500 lb |
| SARA Section 313 - Emission Reporting | 0.1 % |

15.2. US State Regulations

| | |
|--|--|
| Wood dust, all soft and hard woods (Not applicable) | |
| U.S. - California - Proposition 65 - Carcinogens List | WARNING: This product contains chemicals known to the State of California to cause cancer. |
| Formaldehyde (50-00-0) | |
| U.S. - California - Proposition 65 - Carcinogens List | WARNING: This product contains chemicals known to the State of California to cause cancer. |
| Wood dust, all soft and hard woods (Not applicable) | |
| U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List | |
| Formaldehyde (50-00-0) | |
| U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances U.S. - Pennsylvania - RTK (Right to Know) List | |

15.1. Canadian Regulations

| | |
|---|--|
| Formaldehyde (50-00-0) | |
| Listed on the Canadian DSL (Domestic Substances List) | |

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

- Revision Date** : 03/08/2017
- Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR).

GHS Full Text Phrases:

| | |
|-------------------------------|--|
| Acute Tox. 3 (Dermal) | Acute toxicity (dermal) Category 3 |
| Acute Tox. 3 (Inhalation:gas) | Acute toxicity (inhalation:gas) Category 3 |
| Acute Tox. 3 (Oral) | Acute toxicity (oral) Category 3 |
| Aquatic Acute 2 | Hazardous to the aquatic environment - Acute Hazard Category 2 |
| Carc. 1A | Carcinogenicity Category 1A |
| Comb. Dust | Combustible Dust |

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| | |
|---------------|---|
| Eye Dam. 1 | Serious eye damage/eye irritation Category 1 |
| Eye Irrit. 2A | Serious eye damage/eye irritation Category 2A |
| Muta. 2 | Germ cell mutagenicity Category 2 |
| Resp. Sens. 1 | Respiratory sensitisation Category 1 |
| Skin Corr. 1B | Skin corrosion/irritation Category 1B |
| Skin Irrit. 2 | Skin corrosion/irritation Category 2 |
| Skin Sens. 1 | Skin sensitization Category 1 |
| STOT RE 1 | Specific target organ toxicity (repeated exposure) Category 1 |
| STOT SE 3 | Specific target organ toxicity (single exposure) Category 3 |
| H301 | Toxic if swallowed |
| H311 | Toxic in contact with skin |
| H314 | Causes severe skin burns and eye damage |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H318 | Causes serious eye damage |
| H319 | Causes serious eye irritation |
| H331 | Toxic if inhaled |
| H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled |
| H335 | May cause respiratory irritation |
| H341 | Suspected of causing genetic defects |
| H350 | May cause cancer |
| H372 | Causes damage to organs through prolonged or repeated exposure |
| H401 | Toxic to aquatic life |

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

NA GHS SDS 2015 (Can, US, Mex)