

SECTION 1: IDENTIFICATION

Product Identifier:

Product Form: Mixture

Product Name: Particleboard

Intended Use of the Product

Building Material.

Name, Address, and Telephone of the Responsible Party

Company

Woodgrain

2375 S. Cobalt Point Way

Meridian, ID 83642

(208) 365-7799

<https://www.woodgrain.com>

Emergency Telephone Number

Emergency Number : (208) 365-7799

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Emergency Overview

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. grinding, sanding, cutting, pulverizing) that reduce its particle size. Those hazards are described below.

GHS-US classification

Skin Irritant 2

Skin Sensitization 1

Carcinogenicity 1A

Specific Target Organ Toxicity 3: Respiratory Tract Irritation

Eye Mild Irritation 1

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

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US):



GHS07



GHS08

Signal Word (GHS-US):

Danger

Hazard Statements (GHS-US):

May form combustible dust concentrations in air.

May cause skin irritation.

May cause eye irritation.

May cause respiratory irritation.

May cause cancer (Inhalation).

May cause damage to organs (respiratory system) through prolonged or repeated exposure (Inhalation).

Precautionary Statements (GHS-US):

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wash hands, forearms, and other exposed areas thoroughly after handling.

Do not eat, drink or smoke when using this product.

Use only outdoors or in a well-ventilated area.

Wear protective gloves, protective clothing, and eye protection.

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Response:

If on skin: Wash with plenty of water.
If inhaled: Remove person to fresh air and keep at rest in a position comfortable for breathing.
If exposed or concerned: Get medical advice/attention.
Call a poison center or doctor if you feel unwell.
Get medical advice/attention if you feel unwell.
Specific treatment (see section 4 on this SDS).
If skin irritation occurs: Get medical advice/attention.
Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

Other Hazards

This product is not considered hazardous under U.S. OSHA 29 CFR 1910.1200 Hazard Communication Standard
Exposure may aggravate pre-existing eye, skin, or respiratory conditions.
NFPA – Health=1, Flammability=1, Reactivity=0, Special Information=None
HMIS – Health=*1, Flammability=1, Reactivity=0, PPE=E
* Chronic Health Hazard
E= Safety glasses & gloves

Unknown Acute Toxicity (GHS-US): Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

| name | product identifier | % (w/w) | GHS-US classification |
|---|----------------------|---------|---|
| Wood dust, non-allergenic, softwood | (CAS No) RR-03806-2 | 60 – 99 | Skin Irritant 2 Carcinogenicity 1A Specific Target Organ Toxicity 3: Respiratory Tract Irritation Eye Mild Irritation 1 |
| Cured amino resins | (CAS No) Proprietary | 1 – 39 | - |
| Ammonium polyphosphate – Fire retardant | (CAS No) 68333-79-9 | 1 – 2 | Acute Tox. 4 (Oral) Eye Irrit. 2A |

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice).
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. Seek medical attention if a large amount is swallowed.

Most Important Symptoms and Effects Both Acute and Delayed

General: Causes skin irritation. May cause respiratory irritation. May cause cancer.
Inhalation: For particulates and dust: Irritation of the respiratory tract and the other mucous membranes.
Skin Contact: Redness, pain, swelling, itching, burning, dryness, and dermatitis. Prolonged contact with large amounts of dust may cause mechanical irritation.
Eye Contact: Prolonged contact with large amounts of dust may cause mechanical irritation.

Chronic Symptoms: Prolonged inhalation of wood dust is known may cause cancer of the respiratory system and lung disease.

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: FIREFIGHTING MEASURES

Extinguishing Media

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

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.

Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting 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: Under fire conditions this material may produce hazardous carbon dioxide (CO₂), carbon monoxide (CO), various low molecular weight hydrocarbons, and smoke.
Other Information: Risk of dust explosion.

Reference to Other Sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Steps to be Taken In Case Material Is Released or Spilled:

Sweep or vacuum up for recovery and disposal. Avoid creating dusty conditions whenever feasible. Maintain good housekeeping to avoid accumulation of wood dust on exposed surfaces. Use approved filtering face piece respirator ("dust mask") and goggles where ventilation is not possible and exposure limits may be exceeded or for additional worker comfort. See Heading 8. *Exposure controls and personal protection. See Section 13, Disposal Considerations.*

SECTION 7: HANDLING AND STORAGE

Precautions to be Taken in Handling and Storage:

Dried wood dust may pose a combustible dust hazard. Keep away from ignition sources. Avoid eye contact. Avoid prolonged or repeated contact with skin. Avoid prolonged or repeated breathing of wood dust. Store in well-ventilated, cool, dry place away from open flame.

Specific End Use(s)

No use is specified.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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.

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| Particulates not otherwise classified (PNO) (RR-00072-6) | | |
|---|-------------------------------------|--|
| USA ACGIH | ACGIH TWA (mg/m ³) | 3 mg/m ³ Respirable fraction 10 mg/m ³ Total Dust |
| USA OSHA | OSHA PEL (TWA) (mg/m ³) | * 15 mg/m ³ Total Dust |
| Alberta | OEL TWA (mg/m ³) | 3 mg/m ³ (respirable) 10 mg/m ³ (total) |
| British Columbia | OEL TWA (mg/m ³) | 10 mg/m ³ (inhalable particles, recommended) 3 mg/m ³ (respirable particles, recommended) |
| Manitoba | OEL TWA (mg/m ³) | 10 mg/m ³ (inhalable particles, recommended) 3 mg/m ³ (respirable particles, recommended) |
| New Brunswick | OEL TWA (mg/m ³) | 3 mg/m ³ (particulate matter containing no Asbestos and <1% Crystalline silica, respirable fraction) 10 mg/m ³ (particulate matter containing no Asbestos and <1% Crystalline silica, inhalable fraction) |
| Newfoundland & Labrador | OEL TWA (mg/m ³) | 10 mg/m ³ (inhalable particles, recommended) 3 mg/m ³ (respirable particles, recommended) |
| Nova Scotia | OEL TWA (mg/m ³) | 10 mg/m ³ (inhalable particles, recommended) 3 mg/m ³ (respirable particles, recommended) |
| Nunavut | OEL TWA (mg/m ³) | 5 mg/m ³ (respirable mass) 10 mg/m ³ (total mass) |
| Northwest Territories | OEL STEL (mg/m ³) | 20 mg/m ³ (insoluble or poorly soluble-inhalable fraction) 6 mg/m ³ (insoluble or poorly soluble-respirable fraction) |
| Northwest Territories | OEL TWA (mg/m ³) | 10 mg/m ³ (insoluble or poorly soluble-inhalable fraction) 3 mg/m ³ (insoluble or poorly soluble-respirable fraction) |
| Ontario | OEL TWA (mg/m ³) | 10 mg/m ³ (inhalable) 3 mg/m ³ (respirable) |
| Prince Edward Island | OEL TWA (mg/m ³) | 10 mg/m ³ (inhalable particles, recommended) 3 mg/m ³ (respirable particles, recommended) |
| Québec | VEMP (mg/m ³) | 10 mg/m ³ (including dust, inert or nuisance particulate total dust) |
| Saskatchewan | OEL STEL (mg/m ³) | 20 mg/m ³ (insoluble or poorly soluble-inhalable fraction) 6 mg/m ³ (insoluble or poorly soluble-respirable fraction) |
| Saskatchewan | OEL TWA (mg/m ³) | 10 mg/m ³ (insoluble or poorly soluble-inhalable fraction) 3 mg/m ³ (insoluble or poorly soluble-respirable fraction) |
| Wood dust, non-allergenic, softwood (RR-03806-2) | | |
| British Columbia | OEL TWA (mg/m ³) | 2.5 mg/m ³ |
| Methyl alcohol (67-56-1) | | |
| Mexico | OEL TWA (mg/m ³) | 260 mg/m ³ |
| Mexico | OEL TWA (ppm) | 200 ppm |
| Mexico | OEL STEL (mg/m ³) | 310 mg/m ³ |
| Mexico | OEL STEL (ppm) | 250 ppm |
| USA ACGIH | ACGIH TWA (ppm) | 200 ppm |
| USA ACGIH | ACGIH STEL (ppm) | 250 ppm |
| USA ACGIH | ACGIH chemical category | Skin-potential significant contribution to overall exposure by the cutaneous route |

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| USA ACGIH | Biological Exposure Indices (BEI) | 15 mg/l (Medium: urine - Time: end of shift - Parameter: Methanol (background, nonspecific)) |
| USA OSHA | OSHA PEL (TWA) (mg/m ³) | 260 mg/m ³ |
| USA OSHA | OSHA PEL (TWA) (ppm) | 200 ppm |
| USA NIOSH | NIOSH REL (TWA) (mg/m ³) | 260 mg/m ³ |
| USA NIOSH | NIOSH REL (TWA) (ppm) | 200 ppm |
| USA NIOSH | NIOSH REL (STEL) (mg/m ³) | 325 mg/m ³ |
| USA NIOSH | NIOSH REL (STEL) (ppm) | 250 ppm |
| USA IDLH | US IDLH (ppm) | 6000 ppm |
| Alberta | OEL STEL (mg/m ³) | 328 mg/m ³ |
| Alberta | OEL STEL (ppm) | 250 ppm |
| Alberta | OEL TWA (mg/m ³) | 262 mg/m ³ |
| Alberta | OEL TWA (ppm) | 200 ppm |
| British Columbia | OEL STEL (ppm) | 250 ppm |
| British Columbia | OEL TWA (ppm) | 200 ppm |
| Manitoba | OEL STEL (ppm) | 250 ppm |
| Manitoba | OEL TWA (ppm) | 200 ppm |
| New Brunswick | OEL STEL (mg/m ³) | 328 mg/m ³ |
| New Brunswick | OEL STEL (ppm) | 250 ppm |
| New Brunswick | OEL TWA (mg/m ³) | 262 mg/m ³ |
| New Brunswick | OEL TWA (ppm) | 200 ppm |
| Newfoundland & Labrador | OEL STEL (ppm) | 250 ppm |
| Newfoundland & Labrador | OEL TWA (ppm) | 200 ppm |
| Nova Scotia | OEL STEL (ppm) | 250 ppm |
| Nova Scotia | OEL TWA (ppm) | 200 ppm |
| Nunavut | OEL STEL (mg/m ³) | 328 mg/m ³ |
| Nunavut | OEL STEL (ppm) | 250 ppm |
| Nunavut | OEL TWA (mg/m ³) | 262 mg/m ³ |
| Nunavut | OEL TWA (ppm) | 200 ppm |
| Northwest Territories | OEL STEL (ppm) | 250 ppm |
| Northwest Territories | OEL TWA (ppm) | 200 ppm |
| Ontario | OEL STEL (ppm) | 250 ppm |
| Ontario | OEL TWA (ppm) | 200 ppm |
| Prince Edwards Island | OEL STEL (ppm) | 250 ppm |
| Prince Edwards Island | OEL TWA (ppm) | 200 ppm |
| Québec | VECD (mg/m ³) | 328 mg/m ³ |
| Québec | VECD (ppm) | 250 ppm |
| Québec | VEMP (mg/m ³) | 262 mg/m ³ |
| Québec | VEMP (ppm) | 200 ppm |

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| | | |
|--------------|-------------------------------|-----------------------|
| Saskatchewan | OEL STEL (ppm) | 250 ppm |
| Saskatchewan | OEL TWA (ppm) | 200 ppm |
| Yukon | OEL STEL (mg/m ³) | 310 mg/m ³ |
| Yukon | OEL STEL (ppm) | 250 ppm |
| Yukon | OEL TWA (mg/m ³) | 260 mg/m ³ |
| Yukon | OEL TWA (ppm) | 200 ppm |

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

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. For particulates and dust: Protective goggles. Insufficient ventilation: wear respiratory protection.



Materials for Protective Clothing:

Suitable materials with adequate protection.

Hand Protection:

Wear protective gloves.

Eye Protection:

In case of dust production: protective goggles.

Skin and Body Protection:

Wear suitable protective clothing.

Respiratory Protection:

Use NIOSH-approved dust mask if dust has the potential to become airborne.

Other Information:

When using, do not eat, drink or smoke

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

| | |
|--|--|
| Physical State: | Solid |
| Appearance: | Not available |
| Odor: | Not available |
| 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: | Not available |
| Solubility: | Not available |
| Partition Coefficient: N-Octanol/Water: | Not available |
| Viscosity: | Not available |
| Explosion Data – Sensitivity to Mechanical Impact: | Not expected to present an explosion hazard due to mechanical impact |
| Explosion Data – Sensitivity to Static Discharge: | Static discharge could act as ignition source |

SECTION 10: STABILITY AND REACTIVITY

| | |
|-------------------------------------|---|
| Reactivity: | Hazardous reactions will not occur under normal conditions. |
| Chemical Stability: | Stable under recommended handling and storage conditions (see section 7). |
| Possibility of Hazardous Reactions: | None known |
| Conditions to Avoid: | Sparks, heat, open flame and other sources of ignition. |
| Incompatible Materials: | None known |
| Hazardous Decomposition Products: | None known. |

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

| | |
|--|---|
| Acute Toxicity: | Not classified |
| LD50 and LC50 Data: | Not available |
| Skin Corrosion/Irritation: | Causes skin irritation. |
| Serious Eye Damage/Irritation: | Not classified |
| Respiratory or Skin Sensitization: | Not classified |
| Germ Cell Mutagenicity: | Not classified |
| Teratogenicity: | Not classified |
| Carcinogenicity: | May cause cancer (Inhalation). |
| Specific Target Organ Toxicity (Repeated Exposure): | May cause damage to organs (respiratory system) through prolonged or repeated exposure (Inhalation). |
| Reproductive Toxicity: | Not classified |
| Aspiration Hazard: | Not classified |
| Symptoms/Injuries After Inhalation: | For particulates and dust: Irritation of the respiratory tract and the other mucous membranes. |
| Symptoms/Injuries After Skin Contact: | Redness, pain, swelling, itching, burning, dryness, and dermatitis. Prolonged contact with large amounts of dust may cause mechanical irritation. |
| Symptoms/Injuries After Eye Contact: | Prolonged contact with large amounts of dust may cause mechanical irritation. |
| Chronic Symptoms: | Prolonged inhalation of wood dust may cause cancer of the respiratory system and lung disease. |

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

| | |
|---|--------------------------|
| Ammonium polyphosphate (68333-79-9) | |
| LD50 Oral Rat | 4740 mg/kg |
| ATE US (oral) | 500.00 mg/kg body weight |
| Wooddust, non-alergetic, softwood (RR-03806-2) | |
| IARC Group | 1 |
| National Toxicology Program (NTP) Status | Known Human Carcinogen |

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Ecology - General: Not classified.

| | |
|--|--|
| Ammonium polyphosphate (68333-79-9) | |
| LC50 Fish 1 | > 500 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static]) |
| LC 50 Fish 2 | 123 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through]) |

Persistence and Degradability

| | |
|-------------------------------|------------------|
| Particleboard | |
| Persistence and Degradability | Not established. |

Bioaccumulative Potential

| | |
|---------------------------|------------------|
| Particleboard | |
| Bioaccumulative Potential | Not established. |

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Mobility in Soil

Not available

Other Adverse Effects

Other Information: Avoid release to the environment

SECTION 13: DISPOSAL CONSIDERATIONS

| | |
|--|---|
| Waste Disposal Recommendations: | Dispose of contents/container in accordance with local, regional, national, and international regulations |
| Additional Information: | Container may remain hazardous when empty. Continue to observe all precautions. |
| Ecology – Waste Materials: | Avoid unnecessary release to the environment. |

SECTION 14: TRANSPORT INFORMATION

| | |
|--------------------------------|------------------------------|
| In Accordance with DOT | Not regulated for transport. |
| In Accordance with IMDG | Not regulated for transport. |
| In Accordance with IATA | Not regulated for transport. |
| In Accordance with TDG | Not regulated for transport. |

SECTION 15: REGULATORY INFORMATION


US Federal Regulations

| | |
|---|--|
| Particleboard | |
| SARA Section 311/312 Hazard Classes | Immediate (acute) health hazard Delayed (chronic) health hazard |
| Ammonium polyphosphate (68333-79-9) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |

US State Regulations

| | |
|--|---|
| Wood dust, non-allergenic, softwood (RR-03806-2) | |
| U.S. - California - Proposition 65 - Carcinogens List | WARNING: This product contains chemicals known to the State of California to cause cancer. |
| Wood dust, nonallergenic, softwood (RR-03806-2) | |
| U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List | |

Canadian Regulations

| | |
|---|---|
| Particleboard | |
| WHMIS Classification | Class D Division 2 Subdivision A - Very toxic material causing other toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects |
|  | |

| | |
|---|---|
| Wood dust, non-allergenic, softwood (RR-03806-2) | |
| WHMIS Classification | Class D Division 2 Subdivision A - Very toxic material causing other toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects |
| Ammonium polyphosphate (68333-79-9) | |
| Listed on the Canadian DSL (Domestic Substances List)V | |

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

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

Revision Date: 12/30/2015
Other Information: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

| | |
|-------------------------------|---|
| GHS Full Text Phrases: | |
| Acute Tox. 3 (Oral) | Acute toxicity (oral) Category 3 |
| Carc. 1A | Carcinogenicity Category 1A |
| Eye Irrit. 2A | Serious eye damage/eye irritation Category 2A |
| Skin Irrit. 2 | Skin corrosion/irritation Category 2 |
| STOT RE 1 | Specific target organ toxicity (repeated exposure) Category 1 |
| H315 | Causes skin irritation |
| H319 | Causes serious eye irritation |
| H335 | May cause respiratory irritation |
| H350 | May cause cancer |
| H370 | May cause damage to organs |
| H372 | May cause damage to organs through prolonged or repeated exposure |

Party Responsible for the Preparation of This Document

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<https://www.woodgrain.com>

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