

# Plywood

## Safety Data Sheet

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### SECTION 1: IDENTIFICATION

#### 1.1. Product Identifier

**Product Form:** Article

**Product Name:** Plywood

**Synonyms:** AraucoPly; Beaded Plywood; ColorShield Plywood Siding; Primed Plywood; Sanded Plywood; Plywood Siding

#### 1.2. Intended Use of the Product

**Use of the Substance/Mixture:** Building Materials – Decorative, Furniture, General Construction

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

##### Company

Arauco North America, Inc. and Arauco Canada Limited (“ARAUCO North America”)

400 Perimeter Center Terrace

Suite 750

Atlanta, GA 30346

800-261-4890

[na.arauco.com](http://na.arauco.com)

#### 1.4. Emergency Telephone Number

**Emergency Number** : ChemTel LLC  
(800)255-3924 (North America)  
+1 (813)248-0585 (International)

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the Substance or Mixture

This product is composed of wood. The hazard information denoted in this SDS applies only when the product is altered downstream by cutting, sawing, sanding, heating or other means and significant dust or fume is generated. In its shipped and finished form, this product is not considered hazardous.

##### GHS-US Classification

**Classification as delivered:**

Not classified

**Classification for physical alteration resulting in dust or fume:**

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 Labeling

**Classification as delivered:**

Not classified

**Classification for physical alteration resulting in dust or fume:**

**Hazard Pictograms (GHS-US)**



**Signal Word (GHS-US)**

: Danger

**Hazard Statements (GHS-US)**

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

## Precautionary Statements (GHS-US)

- : P201 - Obtain special instructions before use.
- P202 - Do not handle until all safety precautions have been read and understood.
- P260 - Do not breathe dust, fume.
- P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
- P270 - Do not eat, drink or smoke when using this product.
- P271 - Use only outdoors or in a well-ventilated area.
- P272 - Contaminated work clothing must not be allowed out of the workplace.
- P280 - Wear protective gloves/protective clothing/eye protection/face 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 at rest in a position comfortable for breathing.
- P304+P341 - If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.
- 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 supplemental first aid on this Label).
- P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
- P342+P311 - If experiencing respiratory symptoms: Call a poison center or doctor.
- P363 - Wash contaminated clothing 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, 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

No data available

### 2.4. Unknown Acute Toxicity (GHS-US)

No data available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Synonyms	Product Identifier	%	GHS US classification*
Wood dust, all soft and hard woods	Wood dust / Wood dust, hard and soft / Wood	(CAS-No.) Not applicable	95.5	Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 1A, H350 STOT SE 3, H335 STOT RE 1, H372 Comb. Dust
Phenol-formaldehyde polymer	Formaldehyde, oligomeric reaction products with phenol / Resin, phenol formaldehyde / Phenol, polymer with formaldehyde / Phenol-formaldehyde resin / Phenol-formaldehyde copolymer / T-77 / Phenol resin / Phenoplasts / Bakelite / Phenol-formaldehyde condensations products / Phenolic resin / Phenol/formaldehyde copolymer, novolak type	(CAS-No.) 9003-35-4	4.5	Eye Irrit. 2A, H319 Skin Sens. 1B, H317 Comb. Dust
Titanium dioxide**	C.I. 77891 / C.I. Pigment White 6 / Titanium oxide (TiO2) / Titanium(IV) oxide / C.I. Pigment White 7 / Titanium oxide	(CAS-No.) 13463-67-7	< 0.25	Carc. 2, H351

Full text of H-phrases: see section 16

\*This product composed of wood and cured resin. The hazard information applies only when the product is altered downstream by cutting, sawing, sanding, heating or other means and significant dust or fume is generated. In its shipped and finished form, this product is not considered hazardous.

\*\* Present in primed plywood

### SECTION 4: FIRST AID MEASURES

#### 4.1. Description of First-aid Measures

**First-aid Measures General:** The health effects listed below are not likely to occur unless dust or fumes are generated by processing.

**First-aid Measures After 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.

**First-aid Measures After Skin Contact:** Remove contaminated clothing. Brush off loose particles from skin. Wash affected area with soap and water for at least 15 minutes. Obtain medical attention if irritation/rash develops or persists. If exposed or concerned: Get medical advice/attention.

**First-aid Measures After Eye Contact:** Immediately rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

**First-aid Measures After Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

#### 4.2. Most Important Symptoms and Effects Both Acute and Delayed

**Symptoms/Injuries:** Processing this material may release dust or fumes that are hazardous.

**Symptoms/Injuries After Inhalation:** For particulates and dust: 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.

**Symptoms/Injuries After Skin Contact:** Direct contact may cause irritation by mechanical abrasion. For particulates and dust: May cause an allergic skin reaction.

**Symptoms/Injuries After Eye Contact:** Contact may cause irritation due to mechanical abrasion.

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

**Chronic Symptoms:** Prolonged inhalation of wood dust is known to cause cancer of the respiratory system and lung disease. Repeated or prolonged exposure to titanium dioxide dust via inhalation is suspected of causing cancer of the respiratory tract.

#### 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:** Foam. Water spray, fog.

**Unsuitable Extinguishing Media:** For particulates and dust: Do not use a heavy water stream. Carbon dioxide (CO<sub>2</sub>).

#### 5.2. Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Not considered flammable but will burn at high temperatures.

**Explosion Hazard:** Product itself is not explosive but if dust is generated, dust clouds suspended in air can be explosive.

**Reactivity:** Hazardous reactions will not occur under normal conditions.

#### 5.3. Advice for Firefighters

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

**Firefighting Instructions:** Avoid raising dust. 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:** Carbon oxides (CO, CO<sub>2</sub>). Sulfur oxides.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

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

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

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Use only non-sparking tools. Avoid generation of dust during clean-up of spills. Take up mechanically (sweeping, shoveling) and collect in suitable container for disposal. For particulates and dust: Avoid dispersal of dust in the air (i.e, clearing dust surfaces with compressed air). Vacuum clean-up is preferred. If sweeping is required use a dust suppressant. Use explosion proof vacuum during cleanup, with appropriate filter. Do not mix with other materials. Contact competent authorities after a spill.

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

**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. For particulates and dust: Use explosion-proof electrical, ventilating, lighting equipment. Proper grounding procedures to avoid static electricity should be followed.

**Storage Conditions:** Store in a dry, cool place. Keep/Store away from Extremely high or low temperatures, Incompatible materials. Store locked up/in a secure area.

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

### 7.3. Specific End Use(s)

Building Materials – Decorative, Furniture, General Construction

## 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), or OSHA (PEL).

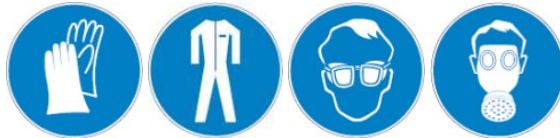
Wood dust, all soft and hard woods		
USA NIOSH	NIOSH REL TWA	1 mg/m <sup>3</sup>
Particulates Not Otherwise Regulated		
USA OSHA	OSHA PEL TWA	5 mg/m <sup>3</sup>
USA OSHA	OSHA PEL STEL	15 mg/m <sup>3</sup>
Titanium dioxide (13463-67-7)		
USA ACGIH	ACGIH OEL TWA	10 mg/m <sup>3</sup>
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
USA NIOSH	NIOSH REL TWA	2.4 mg/m <sup>3</sup> (CIB 63-fine) 0.3 mg/m <sup>3</sup> (CIB 63-ultrafine, including engineered nanoscale)
USA IDLH	IDLH	5000 mg/m <sup>3</sup>
USA OSHA	OSHA PEL TWA	15 mg/m <sup>3</sup> (total dust)

## 8.2. Exposure Controls Appropriate Engineering Controls

: The following applies to the product if it is cut, sanded or altered in such a way that excessive and/or significant particulates and/or dusts may be generated: 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 or glasses. Insufficient ventilation: wear respiratory protection.



## Materials for Protective Clothing

### Hand Protection

### Eye and Face Protection

### Skin and Body Protection

### Respiratory Protection

: Wear suitable protective clothing.

: Wear protective gloves.

: Goggles or safety glasses with side-shields.

: Wear appropriate personal protective equipment.

: 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

Physical State	: Solid
Appearance	: Color varies by product.
Odor	: No distinctive odor
Odor Threshold	: No data available
pH	: No data available
Evaporation Rate	: No data available
Melting Point	: No data available
Freezing Point	: No data available
Boiling Point	: No data available
Flash Point	: No data available
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: No data available
Lower Flammable Limit	: No data available
Upper Flammable Limit	: No data available
Vapor Pressure	: No data available
Relative Vapor Density at 20°C	: No data available
Relative Density	: No data available
Solubility	: Insoluble in water
Partition Coefficient: N-Octanol/Water	: No data available
Viscosity	: No data available

**9.2. Other Information**

No additional information 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**

Dust accumulation (to minimize explosion hazard). Sparks, heat, open flame and other sources of ignition. Extremely high or low temperatures. Incompatible materials.

**10.5. Incompatible Materials**

Strong acids, strong bases, strong oxidizers.

**10.6. Hazardous Decomposition Products**

Under normal conditions of storage and use, hazardous decomposition products will not be produced. Thermal decomposition may produce: Carbon oxides (CO, CO<sub>2</sub>). Sulfur oxides.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1. Information on Toxicological Effects**

**Likely Routes of Exposure:** Dermal; Eye contact; Inhalation

**Acute Toxicity (Oral):** Not classified

**Acute Toxicity (Dermal):** Not classified

**Acute Toxicity (Inhalation):** Not classified

<b>Titanium dioxide (13463-67-7)</b>	
LD50 Oral Rat	> 10000 mg/kg
LC50 Inhalation Rat	5.09 mg/l/4h
<b>Phenol-formaldehyde polymer (9003-35-4)</b>	
LD50 Oral Rat	> 5 g/kg
LD50 Dermal Rat	> 2000 mg/kg
LD50 Dermal Rabbit	> 2 g/kg

**Skin Corrosion/Irritation:** Not classified

**Serious Eye Damage/Irritation:** Not classified

**Respiratory or Skin Sensitization:** Classification as delivered: Not classified

Classification for physical alteration resulting in dust or fume: May cause an allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity:** Classification as delivered: Not classified

Classification for physical alteration resulting in dust or fume: May cause cancer (Inhalation).

<b>Wood dust, all soft and hard woods</b>	
IARC group	1
National Toxicology Program (NTP) Status	Known Human Carcinogens.

<b>Titanium dioxide (13463-67-7)</b>	
IARC group	2B

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (Single Exposure):** Classification as delivered: Not classified

Classification for physical alteration resulting in dust or fume: May cause respiratory irritation.

**Specific Target Organ Toxicity (Repeated Exposure):** Classification as delivered: Not classified

Classification for physical alteration resulting in dust or fume: Causes damage to organs (lungs) through prolonged or repeated exposure (Inhalation).

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** For particulates and dust: 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.



**Symptoms/Injuries After Skin Contact:** Direct contact may cause irritation by mechanical abrasion. For particulates and dust: May cause an allergic skin reaction.

**Symptoms/Injuries After Eye Contact:** Contact may cause irritation due to mechanical abrasion.

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

**Chronic Symptoms:** Prolonged inhalation of wood dust is known to cause cancer of the respiratory system and lung disease. Repeated or prolonged exposure to titanium dioxide dust via inhalation is suspected of causing cancer of the respiratory tract.

### SECTION 12: ECOLOGICAL INFORMATION

**12.1. Toxicity**

**Ecology - General** : Not classified.

**12.2. Persistence and Degradability**

<b>Plywood</b>	
<b>Persistence and Degradability</b>	Not established.

**12.3. Bioaccumulative Potential**

<b>Plywood</b>	
<b>Bioaccumulative Potential</b>	Not established.

**12.4. Mobility in Soil**

No additional information available

**12.5. Other Adverse Effects**

**Other Information** : Avoid unintended 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, and international regulations.

**Ecology - Waste Materials:** Avoid unintended 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.

**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

### SECTION 15: REGULATORY INFORMATION

**15.1. US Federal Regulations**

<b>Plywood</b>	
<b>SARA Section 311/312 Hazard Classes</b>	Health hazard - Carcinogenicity Health hazard - Respiratory or skin sensitization Health hazard - Specific target organ toxicity (single or repeated exposure) Physical hazard - Combustible dust
<b>Titanium dioxide (13463-67-7)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
<b>Water (7732-18-5)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
<b>Phenol-formaldehyde polymer (9003-35-4)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
<b>EPA TSCA Regulatory Flag</b>	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

**15.2. US State Regulations**

<b>Wood dust, all soft and hard woods</b>	
U.S. - New Jersey - Right to Know Hazardous Substance List	
U.S. - Pennsylvania - RTK (Right to Know) List	

<b>Titanium dioxide (13463-67-7)</b>	
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U.S. - New Jersey - Right to Know Hazardous Substance List  
 U.S. - Pennsylvania - RTK (Right to Know) List  
 U.S. - Massachusetts - Right To Know List

### 15.3. Canadian Regulations

Wood and wood products are exempt from the requirement to have a WHMIS label and SDS.

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

**Date of Preparation or Latest Revision** : 09/06/2022

**Supersedes Date** :

**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:

Carc. 1A	Carcinogenicity Category 1A
Carc. 2	Carcinogenicity Category 2
Comb. Dust	Combustible Dust
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Resp. Sens. 1	Respiratory sensitization, Category 1
Skin Sens. 1	Skin sensitization, Category 1
Skin Sens. 1B	Skin sensitization, category 1B
STOT RE 1	Specific target organ toxicity (repeated exposure) Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H334	May cause an allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H350	May cause cancer
H351	Suspected of causing cancer
H372	Causes damage to organs through prolonged or repeated exposure

*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. The information should not be construed as guaranteeing any specific property of the product. The information contained in this Safety Data Sheet is based on the experience of occupational health and safety professionals and comes from sources believed to be accurate or otherwise technically correct. It is the user's responsibility to determine if the product is suitable for its proposed application(s) and to follow necessary safety precautions.*

SDS US (GHS HazCom)