

## Safety Data Sheet

### Armstrong and Bruce Wood Flooring

**\*\*\*Section 1 - IDENTIFICATION\*\*\***

**Material Name:** Armstrong and Bruce Wood Flooring

**Chemical Family**

Hardwood

**Recommended Use**

Wood flooring products produced for residential and commercial use

**Manufacturer Information**

Armstrong Flooring, Inc.  
2500 Columbia Ave., P.O. Box 3025  
Lancaster, PA 17603

Phone #: 800-233-3823  
<http://www.floorexpert.com>  
Emergency #: (ChemTel)1-800-255-3924 or  
+01-813-248-0585 (call collect)

**\*\*\*Section 2 - HAZARD(S) IDENTIFICATION\*\*\***

**HAZARDS DISCLOSURE:** Wood products are not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. However, wood dust generated by sawing, sanding or machining these products is hazardous.

**HAZARD IDENTIFICATION FOR WOOD DUST:**



**Symbols:**

**Signal Word:** WARNING!

**Hazard Statement(s)**

- Suspected of causing cancer
- Causes eye irritation
- Causes mild skin irritation
- May cause respiratory irritation

**\*\*\*Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS\*\*\***

CAS	Component	Percent
Not Listed	Wood Dust	>90%

**\*\*\*Section 4 - FIRST-AID MEASURES\*\*\***

**Inhalation**

If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention immediately.

**Skin Contact**

Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists.

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**Eye Contact**

If wood dust enters the eyes, open eyes while under gentle running water for 15 minutes. Seek medical attention if irritation or blurred vision continues.

**Ingestion**

If wood dust is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

**Most Important Symptoms/Effects**

**Acute**

Eye irritation, skin irritation, respiratory tract irritation.

**Delayed**

Cancer hazard, lung damage.

**Indication of Immediate Medical Attention and Special Treatment Needed, If Needed**

Treat symptomatically and supportively.

**\*\*\*Section 5 - FIRE-FIGHTING MEASURES\*\*\***

**Extinguishing Media**

Carbon dioxide, regular dry chemical, regular foam, water spray

**Special Hazards Arising from the chemical**

Wood dust is a strong to severe explosion hazard if a dust cloud contacts an ignition source. Depending on the moisture content and particulate diameter, wood dust may explode in the presence of an ignition source. An airborne concentration of 40 grams of dust per cubic meter is often used as the LEL for wood dusts.

**Special Protective Equipment and Precautions for Firefighters**

Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

**\*\*\*Section 6 - ACCIDENTAL RELEASE MEASURES\*\*\***

**Personal Precautions, Protective Equipment and Emergency Procedures**

Avoid actions that cause dust to become airborne. Avoid inhalation of dust and contact with skin. Wear appropriate personal protective equipment as described in Section 8. Cleanup using shovel, sweeping or vacuum. Avoid dry sweeping which creates dust.

**\*\*\*Section 7 - HANDLING AND STORAGE\*\*\***

**Precautions for Safe Handling**

Avoid dusty conditions and provide good ventilation. Avoid repeated or prolonged contact of wood dust with skin. Avoid prolonged or repeated breathing of wood dust in air.

**Conditions for Safe Storage, including any Incompatibilities**

Avoid contact with oxidizing agents and drying oils. Avoid open flame. Store and handle in accordance with all current regulations and standards.

**\*\*\*Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION\*\*\***

**Exposure Limits**

Follow all applicable exposure limits. Minimize dust generation and accumulation.

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**Component Exposure Limits**

**Wood Dust**

**ACGIH:** 1.0 mg/m3 Inhalable, 0.5 mg/m3 Inhalable Western Red Cedar

**OSHA:** 15 mg/m3 Total Dust, 5.0 mg/m3 Respirable fraction

**Appropriate Engineering Controls**

When creating wood dust, use with adequate ventilation to ensure exposure levels are maintained below the limits provided above. Use local exhaust ventilation to control airborne vapors.

**Individual Protection Measures, such as Personal Protective Equipment**

**Eyes/Face Protection**

Wear safety glasses as appropriate where contact is possible. If necessary, refer to US OSHA 29 CFR 1910.133 or appropriate Canadian Standards.

**Skin Protection**

Wear appropriate clothing to prevent skin contact with wood dust (e.g. overalls).

**Glove Recommendations**

Wear gloves as appropriate to reduce skin contact.

**Respiratory Protection**

Maintain airborne contaminant concentrations below guidelines listed above, if applicable.

**\*\*\*Section 9 - PHYSICAL AND CHEMICAL PROPERTIES\*\*\***

<b>Physical State:</b>	Solid	<b>Appearance:</b>	Dependent on Wood Species
<b>Color:</b>	various colors	<b>Physical Form:</b>	solid
<b>Odor:</b>	Dependent on Wood Species	<b>Odor Threshold:</b>	Not available
<b>pH:</b>	Not available	<b>Melting Point:</b>	Not available
<b>Boiling Point:</b>	Not available	<b>Flash Point:</b>	Not available
<b>Decomposition:</b>	Not available	<b>Evaporation Rate:</b>	Not available
<b>OSHA Flammability Class:</b>	Not available	<b>Vapor Pressure:</b>	Not available
<b>Vapor Density (air = 1):</b>	Not available	<b>Density:</b>	Not available
<b>Specific Gravity (water = 1):</b>	Not available	<b>Water Solubility:</b>	Insoluble
<b>Log KOW:</b>	Not available	<b>Coeff. Water/Oil Dist:</b>	Not available
<b>Auto Ignition:</b>	400° - 500°F	<b>Viscosity:</b>	Not available
<b>VOC:</b>	Not available	<b>Volatility:</b>	Not available
<b>Molecular Formula:</b>	Not available		

**\*\*\*Section 10 - STABILITY AND REACTIVITY\*\*\***

**Reactivity**

None known.

**Chemical Stability**

Stable at normal temperatures and pressure.

**Possibility of Hazardous Reactions**

Hazardous polymerization will not occur.

**Conditions to Avoid**

Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials. Avoid generating dust.

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**\*\*\*Section 11 - TOXICOLOGICAL INFORMATION\*\*\***

**Acute Toxicity**

No information available for the product. See component data.

**Component Analysis**

The components of this material have been reviewed in various sources and the following selected endpoints are published:

**Wood Dust**

Wood dust (softwood and hardwood) OSHA hazard rating = 3.3; moderately toxic with probable oral lethal dose to human being 0.5 – 5 g/kg (about 1 pound for a 150 pound person) Source: OSHA Regulated Hazardous Substances, Government Institutes, Inc.

**Carcinogenicity**

**Component Carcinogenicity**

**Wood Dust**

**IARC:** Group 1: Carcinogenic to humans; significant evidence of carcinogenicity

**NTP:** Carcinogenic

**OSHA:** Present

**\*\*\*Section 12 - ECOLOGICAL INFORMATION\*\*\***

**Ecotoxicity**

No information available for the product.

**Persistence and Degradability**

No information available for the product.

**Bioaccumulation**

No information available for the product.

**Mobility**

No information available for the product.

**\*\*\*Section 13 - DISPOSAL CONSIDERATIONS\*\*\***

**Disposal Methods**

Dispose in accordance with all applicable regulations. Regulations vary. Consult local authorities before disposal.

**Component Waste Numbers**

The U.S. EPA has not published waste numbers for this product's components.

**Disposal of Contaminated Packaging**

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

**\*\*\*Section 14 - TRANSPORT INFORMATION\*\*\***

**US DOT Information**

Not regulated as a hazardous material.

**TDG Information**

No Classification assigned.

**Marine Pollutant**

No component(s) of this material is specifically listed in the IMDG Code as an identified marine pollutant.

**\*\*\*Section 15 - REGULATORY INFORMATION\*\*\***

**U.S. Federal Regulations**

**SARA Reporting Requirements:** Wood dust is not subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act as follows:

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**SARA 311/312**

**Acute Health:** Yes **Chronic Health:** Yes **Fire:** No **Pressure:** No **Reactive:** No

**U.S. State Regulations**

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA
Wood Dust	NA	Yes	No	Yes	Yes	Yes

**California:** Armstrong and Bruce Engineered Wood Flooring Products meet California 93120 HWPW compliance for formaldehyde Phase II

**Canadian Classification**

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

**Canadian WHMIS Ingredient Disclosure List (IDL)**

There are no components listed on the Ingredients Disclosure List.

**Canada-WHMIS**

This is not considered hazardous material under the Hazardous Products Act as defined by the Controlled Products Regulations. Labeling not required.

**Chemical Inventory Listings**

**Component Analysis - Inventory**

**\*\*\*Section 16 - OTHER INFORMATION\*\*\***

**Summary of Changes**

New SDS: 06/1/2015  
Revised: 09/30/2016

**NFPA Ratings: Health: 2 Fire: 1 Reactivity: 0**

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

**Key / Legend**

ACGIH = American Conference of Governmental Industrial Hygienists; AU = Australia; BOD = Biochemical Oxygen Demand; C = Celsius; CA = California; CAN = Canada; CAS = Chemical Abstract Service; CERCLA = Comprehensive Environmental Response, Compensation and Liability Act; CFR = Code of Federal Regulations; CN = Canada; DFG = Deutsche Forschungsgemeinschaft; DOT = Department of Transportation; DSL = Canadian Domestic Substance List; EPA = Environmental Protection Agency; EU = European Union; IARC = International Agency for Research on Cancer; IDL = Ingredient Disclose List; IDLH = Immediately Danger to Life and Health; JP = Japan; KR = Korea; LC50 = Lethal Concentration; LD50 = Lethal Dose; LEL = Lower Explosive Limit; LMPE-CT = Mexico STEL equivalent; LMPE-PPT = Mexico TWA equivalent; MSDS = Material Safety Data Sheet; NIOSH = National Institute of Occupational Safety and Health; NJTSR = New Jersey Trade Secret Registry; NTP = National Toxicology Program; NZ = New Zealand; OEL = Occupational Exposure Limit; OSHA = Occupational Safety and Health Administration; PEL = Permissible Exposure Limit; PH = Philippines; RQ = Reportable Quantity; SARA = Superfund Amendments Act; SDS = Safety Data Sheet; STEL = Short-term Exposure Limit; TDG = Transportation of Dangerous Goods; TLV = Threshold Limit Value; TSCA = Toxic Substance Control Act; TWA = Time Weighted Average; UEL = Upper Explosive Limit; UN = United Nations; US = United State; WHMIS = Workplace Hazardous Materials Information System

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#### Other Information

Reasonable care has been taken in the preparation of this information; however, the manufacturer makes no warranty whatsoever including the warranty of merchantability, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental, consequential, or other such damages resulting from its use or misuse. Disclaimer: Supplier gives no warranty whatsoever, including the warranties of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser shall determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental, consequential or any other damages arising out of the use or misuse of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights.