

Safety Data Sheet

Product Identifier: Armstrong and Bruce Laminate Flooring

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

Material Name: Armstrong and Bruce Laminate Flooring

Chemical Family

Laminate

Recommended Use

Laminate flooring products produced for residential and light commercial use

Manufacturer Information

Armstrong Flooring, Inc.
2500 Columbia Ave.
Lancaster, PA 17603

Phone #: 800-233-3823
Emergency #: 1-800-255-3924 or +0 1-813-248-0585 (call collect) (ChemTel)
www.floorexpert.com

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

HAZARDS DISCLOSURE: Laminate 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.

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.

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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*****

Physical State:	Solid	Appearance:	Planks and tiles of various colors and patterns
Color:	various colors	Physical Form:	solid
Odor:	None	Odor Threshold:	Not available
pH:	Not available	Melting Point:	Not available
Boiling Point:	Not available	Flash Point:	Not available
Decomposition:	Not available	Evaporation Rate:	Not available
OSHA Flammability Class:	Not available	Vapor Pressure:	Not available
Vapor Density (air = 1):	Not available	Density:	Not available
Specific Gravity (water = 1):	Not available	Water Solubility:	Insoluble
Log KOW:	Not available	Coeff. Water/Oil Dist:	Not available
Auto Ignition:	400° - 500°F	Viscosity:	Not available
VOC:	Not available	Volatility:	Not available
Molecular Formula:	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: This product meets California 93120 MDF 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.