

SDS-SAFETY DATA SHEET

Product Name:Laminate Flooring/Laminated Flooring/Laminate Floor/Laminated Floor Date: Nov. 1st, 2017

SECTION 1: Identification of the product and of the company

1.1. Product Identifier

Product Name Laminate Flooring/Laminated Flooring/Laminate Floor/Laminated Floor
CAS No. Not applicable

1.2. Relevant identified uses of the product

Recommended Use Residential and Commercial Flooring
Uses Building Materials

1.3. Details of the supplier of this safety data sheet

Supplier Changzhou Richwood Decorative Material CO., LTD
Address No.8,Mushiwei Road, Qingfeng Village

Address Henglin Town
Address Changzhou, Jiangsu, P.R. of China
Postal Code 213103
Phone +86-519-89185199
FAX +86-519-89189599
E-mail manager@richwood-flooring.com

SECTION 2: Hazards Identification

2.1. Overview

Dust Hazard: Occupational exposure to wood dust from any timber product has been classified as hazardous according to the criteria of the Occupational Safety and Health Administration. Inhalation of excessive amounts of dust may cause temporary upper respiratory irritation and/or congestion,irritation of the eyes and skin or asthma.

Wood dust may be produced from machining, breaking or handling the products.

Gas Hazard: Formaldehyde gas may be released under some conditions particularly when the products are heated and laminated,or cut by cutting machines.However,in well-ventilated storgae areas and workplaces,the concentration of formaldehyde will not exceed E1 standard.

Formaldehyde gas may be produced from heating processes.

2.2. Potential Health Effects

Eyes: None for products as sold.Dust generated from installation operations may be irritating the eyes resulting in redness and watering.

Skin:None for products as sold. Dust generated from installation operations may result in skin itching and redness,and dermatitis in some people.

Inhaled:None for products as sold. Dust generated from installation operations may be irritating to the nose, throat and lungs.

Ingestion:Not an expected route of exposure.If dust generated from installation operations was swallowed may cause addominal discomfort.

SECTION 3: Composition/information on ingredients

3.1. Article

Chemical Name	CAS No.	Weight-%
Wood Fiber	None	75
Formaldehyde Resins	None	20
Adhesive	None	5

Note: The ingredients are bonded together under heat and pressure. The process cures the resin but small amounts of formaldehyde from the resin may be released from the finished products. Potential exposures to dust will occur only when the product is broken or machined in poorly ventilated workplaces.

SECTION 4: First aid measures

4.1. Description of first aid measures

Eyes:

Irrigate eyes thoroughly with plenty of water for at least 15 minutes. If symptoms persist seek medical attention.

Skin:

Wash thoroughly with mild soap and water. Remove clothing if contaminated with dust.

Inhaled:

Leave the dusty area.

Ingestion

Not an expected route of exposure. If dust is swallowed, give water to drink. Seek medical attention if any abdominal discomfort.

4.2. Most important symptoms and effects, acute or delayed

No information available.

4.3. Indication of any immediate attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

No information available.

SECTION 5: Firefighting measures(cont)

5.2. Unusual Fire/Explosion hazards arising from the product

Wood dust may form explosive mixtures with air. Burning or smouldering boards or dust, and boards cut by cutting machine can generate carbon dioxide, carbon monoxide and other pyrolysis products which are irritating to the respiratory tract. Avoid breathing smoke from cutting machines and from burning or smouldering materials.

THE INTACT PRODUCT, DUST OR WASTES MUST NOT BE BURNED IN BARBECUES, STOVES, FIREPLACES OR OPEN FIRES BECAUSE IRRITATING GASES ARE EMITTED.

5.3. Advice for firefighters

Firefighters should wear full protective clothing and self-contained breathing apparatus.

5.4. Flammable Properties and Explosive Limits:

Flash point:	Not Applicable	Lower Explosive limit:	Not Applicable
FP Test Method:	Not Applicable	Upper Explosive Limit:	Not Applicable
Flame Classification:	Not determined	Flame Propagation:	Not determined

SECTION 6: Accidental release measures

Off-cuts and general waste material should be placed in containers and disposed of at approved landfill sites or incinerated in accordance with local authority guidelines. Burning cannot be used as a means of disposal without specific local authority and other regulatory agency approval.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handle in accordance with good safety practices
Remove all sources of ignition

7.2. Conditions for safe storage

Store in dry well-ventilated areas away from sources of heat, flames, sparks or fire sources
Remove all sources of ignition

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

This product is manufactured from wood products. Fabrication of this product may produce dust.

8.2 Exposure controls

Engineering Controls

No special ventilation requirements for products as sold. Provide adequate ventilation to meet exposure guideline if installation operations generate dust or chips.

Personal protective equipment

Eye/face protection	Wear Safety glasses with side shields or dust resistant safety goggles
Skin and body protection	Wear proper work gloves and coveralls.
Respiratory protection	Avoid breathing dust. Wear suitable respiratory protection when engineering controls and work practices do not control exposure to recommended levels.

Environmental exposure controls

Consult local authorities or regulations for exposure limit.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Solid sheets, planks, tiles, strip of various decorative colors and patterns.
Color	Varies
Odor	Not Applicable
pH	Not Applicable
Melting point/freezing point	Not Applicable
Boiling point / boiling range	Not Applicable
Flash point	Not Applicable
Evaporation rate	Not Applicable
Vapor Pressure	Not Applicable
Vapor density	Not Applicable
Specific gravity(Water=1)	Not Applicable
Water solubility	Insoluble
Autoignition temperature	Not Applicable
Decomposition temperature	Not Applicable
Taste	Not Applicable

SECTION 9: Physical and chemical properties (cont)

9.2. Other information

No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

These products are not reactive.

10.2. Stability

Stable under normal conditions

10.3. Conditions to avoid

Heat and flames

10.4. Hazardous decomposition products

Carbon monoxide(CO)

Carbon dioxide (CO₂)

Other incomplete combustion products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

None for products as sold

The dust, which may be generated during manual or mechanical cutting, drilling, sanding or installation operations and the smoke generated by heating or cutting, may cause temporary irritation of the eyes and upper respiratory system. The symptoms are expected to subside after exposure has stopped and are not expected to cause any long-term effects.

Germ cell mutagenicity

No information available

Reproductive toxicity

No information available

SECTION 12: Ecological information

12.1. Ecotoxicity

No information available

12.2. Persistence and degradability

No information available

SECTION 13: Waste treatment methods

13.1. Waste treatment methods

Disposal should be in accordance with applicable regional, national and local laws and regulations

SECTION 14: Transport information

14.1. Transportation Summary

These products are not regulated as dangerous goods. No special transport requirements are necessary.

SECTION 15: Regulatory information

No information available

SECTION 16: Other information

16.1. Photo of product

Laminate Flooring Structure

Wear-resistant overlay

Wear-resistant overlay paper is laminated under conditions of high temperature and pressure. The resulting overlay is highly resistant to scratches, dents, dings, cigarette burns, furniture legs and castor chairs as or wear through.

Decorative Paper

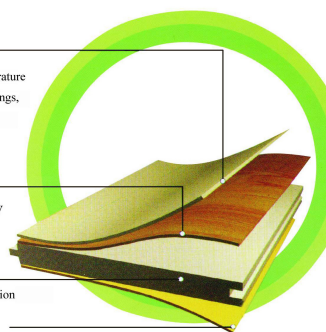
With a range of patterns to choose, the decorative paper can also block UV radiation and strengthen surface rigidity and impact resistance.

HDF base board

The density of the HDF baseboard $\geq 880 \text{KG/M}^3$. The formaldehyde emission meets grade.

Heavy-duty, resin-treated balance layer

Special paper soaked with melamine stabilizing the flooring shape and dimensions. It effectively prevents water absorption from ground. On the back of the balance layer, there is protruded anti-falsification pattern that make **Richwood Laminate Flooring** more resistant to moisture.



Disclaimer

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-----End of Safety Data Sheet-----