

Material Safety Data Sheet



PERGO DIRECT LAMINATE FLOORING (WITH UNDERLAYMENT)

Pergo[®], Inc.
3128 Highwoods Blvd.
Raleigh, NC 27604
Telephone: 800-33-PERGO (800-337-3746)

DATE: October 10, 2006

1. PRODUCT IDENTIFICATION

COMMON NAME: Pergo Direct Laminate Flooring with Underlayment (7 mm, 8 mm, 10 mm)

COMPANY INFORMATION: Pergo[®], Inc.
3128 Highwoods Blvd.
Raleigh, NC 27604
Telephone: 1-800-337-3746

2. HAZARDS IDENTIFICATION

PHYSICAL STATE AND APPEARANCE

Smooth, solid flooring product with a foam rubber backing.

GENERAL HAZARD OVERVIEW

Not hazardous under normal conditions of storage and handling. Under normal conditions of storage and handling, this product is not considered hazardous by 29 CFR Part 1910.1200.

POTENTIAL HEALTH EFFECTS

Primary health hazard posed by this product is inhalation of vapors and wood dust resulting from cutting, abrasion, or other similar activities that have the potential to generate breathable vapors and wood dust.

ROUTES OF EXPOSURE

Inhalation: Vapors and wood dust may cause irritation to the eyes, nose, and throat. Generation of excessive vapors and dust may cause respiratory sensitization and aggravate pre-existing respiratory disorders.

Ingestion: Ingested wood dust may cause abdominal discomfort and pain.

Skin Contact: Prolonged skin contact with wood dust may cause dermatitis or allergic sensitization.

Eye Contact: Vapors and wood dust may cause eye irritation.

Chronic Exposure: Prolonged exposure to vapors and wood dust during use may cause hypersensitivity leading to dermatitis, skin sensitization, or other allergic reactions. Formaldehyde is a suspected carcinogen.

3. INGREDIENT INFORMATION

| NAME | CAS NO. | WT % | OSHA PEL (ppm) | | ACGIH TLV (ppm) | |
|--------------------------------|-----------|------|----------------------------|------|----------------------------|------|
| | | | TWA | STEL | TWA | STEL |
| Formaldehyde | 50-00-0 | <0.1 | 0.75 | 2.0 | 200 | 250 |
| Styrene Butadiene Rubber (SBR) | 9003-55-8 | <8.0 | NE * | -- | NE * | -- |
| Aluminum Oxide | 1334-28-1 | <5.0 | 15 mg/m ³ TDUST | | 10 mg/m ³ TDUST | |

*NE – None Established

4. FIRST AID MEASURES

INHALATION: Remove to fresh air. Seek medical attention for persistent breathing difficulty, severe coughing, or persistent irritation.

INGESTION: If adverse symptoms are observed, seek medical attention.

SKIN CONTACT: Wash skin thoroughly with soap and water. Get medical attention if irritation persists.

EYE CONTACT: Immediately rinse eyes with plenty of water. Remove contact lenses. Flush eyes with water for at least 15 minutes. Get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

FLASH POINT: > 300° F (> 149° C)

AUTOIGNITION TEMPERATURE: > 572° F (> 300° C)

FLAMMABLE LIMITS IN AIR: N/A

EXTINGUISHING MEDIA: Water spray, dry chemical, carbon dioxide or chemical foam.

FIRE FIGHTING PROCEDURES: Fire fighters should use self-contained breathing apparatus and suitable protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Sawing, sanding, or machining can produce wood dust which may present an explosion hazard if an ignition source is present. Airborne concentration of 40 grams per cubic meter of air may be considered the LEL for wood dust.

HAZARDOUS COMBUSTION PRODUCTS: Thermal decomposition and burning can produce toxic fumes and gases which include:

- carbon monoxide
- hydrogen cyanide
- aldehydes
- ammonia
- organic acids
- polynuclear aromatic compounds

Formaldehyde vapors may be released at high temperatures.

6. ACCIDENTAL RELEASE MEASURES

For response to a release of this product, personal protective equipment (PPE) is needed only for clean up of dust. Sweep or vacuum dust for recovery or disposal. See Section VIII for PPE requirements and Section XIII for disposal of product and generated dust.

7. HANDLING AND STORAGE

HANDLING: If handled in such a way as to produce wood dust and vapors, avoid prolonged exposure and contact with eyes and skin. Minimize abrasive handling. No hazard for normal handling of product.

STORAGE: Store in a cool, dry place. Avoid excessive heat and ignition sources.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

ENGINEERING CONTROLS: Provide ventilation for control of vapors and wood dust from abrasive handling. Source and/or room mechanical ventilation may be required to minimize airborne wood dust from cutting operations.

RESPIRATORY PROTECTION: Provide NIOSH-approved respiratory protection per 29 CFR 1910.134 to ensure wood dust concentrations in the air do not exceed a time weighted average (TWA) of 5 mg/m³.

EYE/FACE PROTECTION: Wear safety glasses with side shields or chemical goggles per 29 CFR 1910.133 when cutting or conducting abrasive operations with product.

SKIN PROTECTION: Wear protective clothing to minimize contact with wood dust when conducting cutting or abrasive operations.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL DESCRIPTION: Smooth, solid wood-like material with a thin, foam rubber backing.

| | |
|-------------------|-------|
| Specific Gravity: | <1 |
| Water Solubility: | <0.1% |
| Boiling Point: | NA |
| Melting Point: | NA |
| Evaporation Rate: | NA |
| Vapor Density: | NA |
| Vapor Pressure: | NA |
| % Volatile: | 0 |
| pH: | ND |
| Odor: | None |
| Freezing Point: | NA |
| Viscosity: | ND |

NA – Not Applicable

ND – Not Determined

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions of temperature and pressure.

REACTIVITY: Avoid open flame. Product underlayment may produce flammable vapors at temperatures in excess of 300° F.

HAZARDOUS DECOMPOSITION: Thermal and/or thermal-oxidative decomposition can produce irritating and toxic fumes and gases including:

- carbon monoxide
- hydrogen cyanide
- aldehydes
- ammonia
- organic acids
- polynuclear aromatic hydrocarbons

High temperatures may release formaldehyde vapors.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITY: Avoid strong oxidizing agents, strong acids.

11. TOXICOLOGICAL INFORMATION

WOOD DUST: OSHA suggested lethal dose is 0.5 to 5 g/kg or approximately 1 lb for a 150 lb person.

FORMALDEHYDE:

- Oral rat LD50 is 100 mg/kg.
- Skin rabbit LD 50 is 270 µL/kg.
- Eye irritation rabbit is 750 µg severe.
- Inhalation rat LC 50 is 203 mg/m³.
- Chronic-OSHA regulated as suspect carcinogen for exposures at or exceeding 0.5 ppm.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Not Evaluated.

13. DISPOSAL CONSIDERATIONS

Dispose of product that is considered waste as a non-hazardous solid waste in compliance with federal, state and local regulations.

14. TRANSPORTATION INFORMATION

Product is not considered a hazardous material as defined by 49 CFR Part 171.8.

15. REGULATORY INFORMATION

SARA TITLE III SECTION 313 SUPPLIER NOTIFICATION: This product is known to contain formaldehyde and aluminum oxide which are listed in 40 CFR 372.65 as a toxic chemical requiring notification. State and local reporting requirements may differ and article exemptions may apply.

CERCLA/SARA EMERGENCY REPORTING: This product contains formaldehyde which is listed as a hazardous substance under 40 CFR Part 302.4. A spill or release of this product should be reviewed for reporting per 40 CFR Part 302.

TSCA: This product complies with TSCA inventory requirements.

H.U.D.: The HUD regulation of 24 CFR Part 3280 provides for third party certification of particleboard manufactured with urea-formaldehyde resin for formaldehyde emissions. Maximum level is 0.3 ppm (large chamber test method).

OSHA: While the panel product does not meet the criteria of 29 CFR 1910.1200 (Hazcom), wood dust/fiber and formaldehyde emissions from this product when the product is sanded, sawed, drilled, broken, machined, etc. may be hazardous by definition and trigger Hazcom requirements. It is the responsibility of the purchaser and subsequent users/remanufactures to determine applicability.

WHMIS: This product is not considered a controlled product.

DOT (Department of Transportation): The user should comply with all applicable DOT requirements, Federal, Provincial, State, Local regulations and labels. Product is not considered a hazardous material as defined by 49 CFR Part 171.8.

SARA/CERCLA: This product does not contain chemical(s) in concentrations that should require reporting under SARA Title III Section 313.

ODS: During the manufacture of this product there is no intended use of listed ozone depleting chemicals as defined in applicable EPA regulations.

CALIFORNIA PROPOSITION 65: - SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT: TITLE 22 CALIFORNIA CODE OF REGULATIONS: California Proposition 65 provides for labeling and disclosure of the presence of a chemical(s) known to the State of California to cause cancer or reproductive toxicity. This product contains Formaldehyde in extremely low levels and may, depending on conditions, emit Formaldehyde. Based on a preponderance of data and the recognition by OSHA that 0.75 ppm TWA is a safe employee exposure level, this product should not present a significant risk to users.

MINNESOTA: Minnesota Statutes require that all particleboard and medium density fiberboard used in newly constructed housing units or sold to the public as building materials meet the HUD formaldehyde emission standard.

NEW JERSEY: Formaldehyde is a substance which appears on the State's Environmental Hazardous Substance List. Low levels of Formaldehyde may be emitted from this product.

PENNSYLVANIA: Formaldehyde and Wood Dust are substances that appear on the State's Appendix A-Hazardous Substance list. This product may emit low levels of formaldehyde and handling, remanufacturing, nailing, drilling, sanding, etc. may release wood dust.

16. OTHER INFORMATION

The information contained herein is based on available data. Pergo, Inc. makes no warranty, expressed or implied, regarding the accuracy of the data presented or the results obtained from use of the information provided.

Technical Contact: Bill Morgan (919) 773-5870