

MSDS Material Safety Data Sheet

Floor surface material, wood floor

Supplier: Kahrs International Date: 2009-04-01

Address: 940 Centre Cir, Altamonte Springs, Florida 32714

Phone: (407) 260-9910

Product: 10mm lacquered, three-layer wood floor, Spirit

I. PRODUCT IDENTIFICATION

Name: Kahrs Hardwood Flooring

Description: Wood Flooring and Wood Accessory Products

Product: 10mm lacquered, three-layer wood floor, Spirit

II. TRANSPORTATION DATA

Shipping name: Not Classified.

Hazard Class: N/A. ID #: N/A

III. HMIS (0 = minimal hazard; 4 = severe hazard)

Health = 0 Fire = 1 Reactivity = 0

IV. PRODUCT CONTENT

This product does not contain chemicals subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR 372. All components are on TSCA inventory. This product does NOT contain asbestos.

Component	Specifications	% by weight	g/m
Surface treatment	Acryl-based lacquer, UV cured	<1	<80
Wear layer	Chemically untreated species of wood in the product range. Thickness 1.9 mm	15	1440
Intermediate material	HPD sheet, 16% melamine glue (MUF) 84% pine fibrers	78	6770
Base material	Chemically untreated veneer. Thickness 0,6 mm.	3	200
Glue	Urea-formaldehyde resin	<3	220
Other components	Filler, hardened	< 0,4	<2
	TOTAL	100	

Other information

1. The information on percentage by weight and g/m² are averages since the density varies both within and between species of wood.
2. The surface treatment and filler material are free from solvents and formaldehyde.
3. Urea-formaldehyde resin has water as a solvent.

V. HAZARDOUS INGREDIENTS

(Chemical Identity; Common Name)

C.A.S. No. OSHA

Wood Dust N/A

OSHA PEL

15 mg/m³ (total dust)

5 mg/m³ (respirable dust)

5 mg/m³ recommended¹ softwood and hard wood

10 mg/m³ (STEL) recommended¹ softwood and hardwood

ACGIH TLV

Certain hard woods:

1 mg/m³

Soft wood: 5 mg/m³

STEL: 10 mg/m³

In 1992, the U.S. Court of Appeals for the Eleventh Circuit Court overturned OSHA's 1989 Air Contaminants Rule, which included specific PEL's for wood dust established by OSHA at that time. Wood dust is now officially regulated as an organic dust in a category known as "Particulates Not Otherwise Regulated" (PNOR), or Nuisance Dust. However, a number of states have incorporated the OSHA PEL's from the 1989 standard in their state plans.

DESCRIPTION AND INGREDIENT INFORMATION

Wood flooring products produced for residential and commercial use.

MISCELLANEOUS INFORMATION

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 may be hazardous.

VI. PHYSICAL DATA

APPEARANCE: Material dependent. BOILING POINT (degrees F): N/A.

VAPOR PRESSURE (mm Hg @ 20 degrees C): N/A. VAPOR DENSITY

(Air = 1): N/A. PERCENT VOLATILE BY WEIGHT (30 min. @ 275°F):

N/A. EVAPORATION RATE (Butyl Acetate = 1): N/A. SOLUBILITY IN

WATER: N/A. SPECIFIC GRAVITY (H₂O = 1): N/A. pH: N/A.

VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD): N/A. FLAMMABLE RANGE: LEL: = N/A;

UEL = N/A. EXTINGUISHING MEDIA: Water spray.

SPECIAL FIRE FIGHTING PROCEDURES: Protect fire fighters from toxic products of combustion by wearing self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Sawing, sanding or machining wood products can produce wood dust that can cause an explosive or combustion hazard.

Auto Ignition Hazard: 400 – 500°F.

VIII. HEALTH HAZARD DATA

PRIMARY ROUTE(S) OF ENTRY: N/A. TARGET ORGANS: N/A.

EFFECTS OF OVEREXPOSURE: N/A. SKIN AND EYES: N/A.

INHALATION: N/A. CARCINOGENICITY: NTP: Yes; IARC Monographs: Yes (as wood dust); OSHA Regulated:

No. MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/K. FIRST AID PROCEDURES:

N/A. SKIN AND EYES: N/A. INHALATION: N/A. INGESTION: N/A.

IX. REACTIVITY DATA

STABILITY: N/A. INCOMPATIBILITY: N/A. HAZARDOUS DECOMPOSITION

PRODUCTS: N/A. HAZARDOUS POLYMERIZATION: N/A.

X. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Wood dust may be vacuumed or shoveled for recovery or disposal. Avoid creating dusty conditions. Provide good ventilation.

WASTE DISPOSAL METHOD: Dispose of in accordance with Federal, State, and Local Waste Disposal Regulations.

XI. SAFE HANDLING AND USE INFORMATION

VENTILATION: N/A. RESPIRATORY PROTECTION: N/A. SKIN AND EYE PROTECTION: N/A.

XII. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: N/A.

OTHER PRECAUTIONS: N/A.

Caution: Wood dust. Sawing, sanding and machining wood products can produce wood dust. Airborne wood dust can cause respiratory, eye and skin irritation.

PRECAUTIONARY MEASURES: If power tools are used, they should be equipped with a dust collector. If high dust levels are encountered, use an appropriate NIOSH designed dust mask. Avoid contact with eyes and skin.

FIRST AID MEASURES IN CASE OF IRRITATION: In case of irritation, flush eyes or skin with water for at least 15 minutes.

XIII. TOXICOLOGICAL INFORMATION

WOOD DUST: Wood dust generated from sawing, sanding or machining this product may cause nasal dryness, irritation, coughing and sinusitis.

NTP (National Toxicology Program) and the International Agency for Research on Cancer (IARC) classifies wood dust as a carcinogen to humans. The classifications are based on increased risk in the occurrences of adenocarcinomas of the nasal cavities and paranasal sinuses associated with exposure to wood dust.

The information presented herein is supplied as a guide to those who handle or use this product. Safe work practices must be employed when working with any materials. It is important that the end user makes a determination regarding the adequacy of the safety procedures employed during the use of this product.

N/A – not applicable or not available