

MATERIAL SAFETY DATA SHEET

Ipe Hardwood Decking

PRODUCT NAME ... Wood Dust
 SYNONYMS None
 CAS No None
 DESCRIPTION Particles generated by any manual or mechanical cutting or abrasion process performed on wood.

PHYSICAL DATA

Boiling Point Not Applicable
 Specific Gravity ... Variable (Dependent on wood species and moisture content)
 Vapor Density Not Applicable
 % Volatile of Volume Not Applicable
 Melting Point Not Applicable
 Vapor Pressure Not Applicable
 Solubility in H.O. (% by wt) Insoluble
 Evaporation Rate (Butyl Acetate=1) .. N/A
 Appearance & Odor ... Light to Dark (Color granular solid. Color and odor are dependent on the wood species and time since dust was generated)

FIRE & EXPLOSION DATA

Flash Point ... Not Applicable
 Autoignition Temperature Variable (Typically 400-500F)
 Explosive Limits in Air 40 grams/m3
 Extinguishing Media ... Water, CO2, Sand
 Special Fire Fighting Procedures
 Use water to wet down wood dust to reduce the likelihood of ignition or dispersion of dust into the air. Remove burned or wet dust to open area after fire is extinguished
 Unusual Fire & Explosive Hazard
 Wood dust is strong to severe explosion Hazard if a dust "cloud" contains an ignition source.

REACTIVE DATA

Conditions Contributing to Instability ...
 Stable under normal conditions
 Incompatibility ... Avoid contact with oxidizing agents and drying oils. Avoid open flame. Product may ignite at temperatures in excess of 400F.
 Hazardous Decomposition Products ...
 Thermal oxidative degradation of wood products irritating and toxic fumes and gases, including CO, aldehyde and organic acids.
 Conditions Contributing to Polymerization ...
 ... Not Applicable

HEALTH EFFECTS DATA

Exposure Limit ... *ACGIH TLV **
 TWA ... 5.0mg/m3
 STEL (15min) ... 10mg/m3 (softwood)
 TWA ... 1.0 mg/m3 (OSHA PEL)
 OSHA PEL:
 TWA ... 5.0 mg/m3
 STEL (15min) ... 10mg/m3 (softwood) (all soft & hardwoods, exc WRC)
 Skin & Eye Contact: ... Wood duct can cause eye irritation, various species of wood dust can elicit allergic contact dermatitis in sensitized individuals.
 Ingestion Not Applicable
 Skin Absorption Not known to occur
 Inhalation ... May cause nasal dryness, irritation and obstruction, coughing, wheezing and sneezing sinusitis and prolonged colds have also been reported.
 Chronic Effects ... Wood dust, depending on the species, may cause dermatitis on prolonged repetitive contact: may cause respiratory sensitization and/or irritation.
 Prolonged Exposure ... Wood dust has been reported by some observers to be associated with nasal cancer. Wood dust is not listed as a carcinogen by IARC, NTP, ACGIH, or OSHA.

EMERGENCY & FIRST AID PROCEDURES

Eyes ... Flush with water to remove dust particles. If irritation persists, get medical attention.
 Skin ... If rash or persistent irritation or dermatitis occur, get medical advice before returning to work where wood dust is present.
 Inhalation ... Remove to fresh air. If persistent irritation, severe coughing, breathing difficulties occur, get medical advice before returning to work where wood dust is present.
 Ingestion Not Applicable

<p><u>PRECAUTIONS & SAFE HANDLING</u> Eye Contact Avoid Skin Contact Avoid Avoid Repeated or Prolonged contact with skin. Careful bathing & clean clothes are indicated after exposure. Inhalation Avoid Avoid Prolonged or Repeated breathing of Wood Dust in air. Oxidizing Agents & Drying Oils Avoid Contact Open Flame Avoid</p>	<p><u>SPILL/LEAK CLEAN-UP PROCEDURE</u> Recovery or Disposal ... Sweep or vacuum spills for recovery or disposal, avoid creating dust conditions. Provide good ventilation where dust conditions may occur. Place recovered wood dust in a container for proper disposal.</p> <p><u>GENERAL CONTROL MEASURES</u> Ventilation ... Provide adequate general and local exhaust ventilation to maintain healthful working conditions. Safety Equipment ... Wear goggles or safety glasses. Other protective equipment such as gloves and approved dust respirator may be needed depending upon dust conditions.</p>
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REGULATORY INFORMATION
OSHA ... Untreated wood and wood products are considered manufactured articles and are exempt under OSHA's hazard Communication Standard 29 CFR 1910.1200. Wood dust, by a product generated from sawing or machining wood and wood products, is considered hazardous and is regulated under the hazard Communication Standard 29 CFR 1910.1200.
SARA, DOT ... Not Regulated
STATE ... California Proposition 56 Warning: Drilling, sawing, sanding or machining wood products generates wood dust, a substance known to the State of California to cause cancer. Other safeguards avoid inhaling wood dust or use a mask or other safeguards for personal protection. California Health and Safety Code section 25249.6.

CAUTIONS and DISCLAIMERS
Public Domain ... Any and all MSDS information is a part of the Public Domain and available to any and all at any time. It is the user's responsibility to provide and post all applicable MSDS information, and to inform all users, employees, customers et al of the hazards of wood dust. Due to the litigious nature of the current business environment, this disclosure is made and is important for all to heed. Please contact this list-ee of any questions or further assistance.
Important ... The information and data herein are believed to be accurate and have been compiled from sources considered to be reliable. If is offered for your consideration, investigation, and verification. Sabra International Inc., Importer of Pau Lope™, makes no warranty of any kind, express or implied, concerning the accuracy or completeness of the information and data herein. Sabra International Inc., Importer of Pau Lope™, will not be liable for claims relating to any party's use or reliance of information and data contained herein regardless of whether it is claimed that the information and data are inaccurate or incomplete or otherwise misleading.