



MATERIAL SAFETY DATA SHEET

Section 1 – PRODUCT IDENTIFICATION

PRODUCT NAME: Engineered Hardwood Flooring

CAS NUMBER: N/A

CHEMICAL NAME: N/A

CHEMICAL FORMULA: N/A

MANUFACTURER'S NAME AND ADDRESS: PT Tanjung Kreasi Parquet Industry
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Section 2 – HAZARDOUS INGREDIENTS

COMPONENT: Wood particles, wood shavings, wood powder, wood dust generated from cutting or sanding

OSHA PEL: 15 mg/m³ TWA, 5 mg/m³ respirable fraction

NIOSH REL: 1 mg/m³ TWA

ACGIH TLV: 1 mg/m³ TWA for hardwood and 5 mg/m³ for softwood

ACGIH STEL: 10 mg/m³ (15 minutes) for softwood

Section 3 – PHYSICAL PROPERTIES

MOLECULAR WEIGHT: N/A

SPECIFIC GRAVITY: Varied to wood species and moisture content, generally between 0.5 to 1.0

BOILING POINT: N/A

SOLUBILITY IN H₂O: Insoluble

MELTING POINT: N/A

EVAPORATION RATE: N/A

VAPOR DENSITY: N/A

VAPOR PRESSURE: N/A

APPEARANCE AND ODOR: Wood appearance with wood color; color depends on customer choice and surface finish

PERCENT OF VOLATILE BY WEIGHT: N/A

Section 4 – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

FIRE EXTINGUISHING MEDIA: Water, Sand, CO₂

SPECIAL FIRE-FIGHTING PROCEDURES: Use water to wet down wood dust to reduce the likelihood of ignition or dispersion of dust into the air. Fires involving wood dust should be fought upwind from the maximum distance possible. Isolate hazard area and deny access to unauthorized personnel. Wear full set of protective clothing and self-contained breathing apparatus (SCBA) in a sustained fire. Remove burned or wet dust to open air after fire is extinguished.

UNUSUAL FIRE AND EXPLOSION HAZARD: Severe explosion hazard may take place if a wood dust 'cloud' comes into contact with an ignition source. Partially burned or scorched wood dust is especially explosive hazardous if dispersed into air.

Section 5 – REACTIVITY DATA

STABILITY: Stable

CONDITIONS CONTRIBUTING TO INSTABILITY: Heat, sparks, open flames.

INCOMPATIBILITY: Avoid contact with oxidizing agents and drying oils. Avoid open flames. Wood dust may self-ignite at temperatures in excess of 200°C.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal oxidative degradation of wood produces irritating and toxic fumes and gases including CO₂, aldehydes, and organic acids.

HAZARDOUS POLYMERIZATION: N/A

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Section 6 – HEALTH HAZARD DATA

OVEREXPOSURE EFFECTS: Avoid prolonged or repetitive exposures to or breathing of wood dust in the air as dermatitis or respiratory irritation may develop. Depending on species, wood dust may cause allergic responses to sensitive individuals.

SKIN AND EYE CONTACT: Wood dust can cause severe eye irritation. Various species of woods can generate allergic contact dermatitis in sensitized individuals.

INHALATION: May cause nasal dryness, irritation, and obstruction. Coughing and sneezing as well as sinusitis and prolonged colds have also been reported.

INGESTION: No known hazards.

SKIN ABSORPTION: Not known to occur.

CARCINOGENICITY: IARC classifies wood dust as carcinogen to human (Group I). This classification is based primarily on IARC's evaluation of increased risk in the occurrence of adenocarcinomas of the nasal cavities and paranasal sinuses associated with exposure to wood dust. IARC did not find sufficient evidence to associate cancers of the oropharynx, larynx, lung, lymphatic and hematopoietic systems, stomach, colon, or rectum with exposure to wood dust.

Section 7 – SPECIAL PROTECTION INFORMATION

VENTILATION: Provide adequate general and local exhaust ventilation to maintain healthy working condition.

RESPIRATORY PROTECTION: Wear dust respirator when dust levels exceed regulatory requirements.

EYE PROTECTION: Wear goggles or safety glasses.

PROTECTIVE CLOTHING: Wear gloves and clean body-covering work clothing to prevent exposure to wood dust. Follow good hygienic practices; wash frequently and wear clean work clothing.

Section 8 – SAFE HANDLING AND DISPOSAL

HANDLING: Follow good housekeeping practices; clean up areas where wood dust settles to avoid excessive accumulation of this combustible material. Sweep or vacuum to avoid creating dusting condition. Provide good ventilation where dust condition occurs. Place wood dust in covered container for proper disposal. Partially burned or scorched wood is hazardous to store.

WASTE DISPOSAL METHODS: Dispose in a landfill or incinerate in accordance with local, state, and federal regulations.

CLEAN WATER ACT REQUIREMENTS: N/A

Section 9 – EMERGENCY AND FIRST AID PROCEDURES

EYES: Flush with plenty of water to remove dust particles. If irritation persists seek medical attention.

SKIN: If rash or persistent irritation and dermatitis occur, get medical advice before returning to work where exposure to wood dust presents.

INHALATION: Take out to fresh air. If persistent irritation, coughing, breathing difficulties occur, get medical attention before returning to work where exposure to wood dust presents.

INGESTION: N/A

Section 10 – REGULATORY INFORMATION

CPSC: N/A

TSCA: Not listed on TSCA inventory

DOT: Proper shipping name: Sawdust

HAZARD CLASS: ORM-C

LABEL REQUIRED: N/A

IDENTIFICATION NUMBER: N/A

OTHER PERTINENT INFORMATION: Saw dust must be kept clean, dry and free from oil.

IMPORTANT

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification.

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Please visit: <http://www.osha.gov/SLTC/wooddust/> for further comprehensive information.

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