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
Jl. Raya Gaya Motor 17, Sunter II
Jakarta 14330, INDONESIA
Phone +62 21 65835650

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
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 adenocarcinoms 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, hypopharynx, 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 TCSA 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. PT TKPI makes no warranty of any kind, expressed or implied, concerning the accuracy or completeness of the information and data herein. PT TKPI will not be liable for claims relating to any party’s use or reliance on information and data contained herein regardless of whether it is claimed that the information and data are inaccurate, incomplete, or otherwise misleading.

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