



MATERIAL SAFETY DATA SHEET

Section 1- PRODUCT AND COMPANY INFORMATION

Product Description: Embellish Decking

Description: Polyethylene Co-Extrusion

SUPPLIER: Sylvanix Outdoor Products, Inc.,

Address: 2529 Martingail Dr. Covina, CA 91724, USA

Telephone: (626) 353-4841

Fax: (323) 888-9771

China Factory: NingBo Helong New Material Co., Ltd.

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Zhejiang

Telephone: 86-574-63499951

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Section 2- COMPONENT AND INGREDIENT INFORMATION

Component	Wt%
Wood-fiber	60~65
High Density Polyethylene	35~40

Section 3- HAZARDS IDENTIFICATION

U.S. OSHA HAZARD COMMUNICATION STANDARD: This product may be used in application that produce wood dust fibers. According to OSHA 29CFR 1910.1200, certain wood fibers and carbon black are considered hazardous if the workplace airborne concentrations exceed the OSHA or ACGIH exposure limits (see section 8)

EMERGENCY RESPONSE DATA: Teak, Gray, IPE solid. Exposure to fire can generate toxic fumes. High dust levels may create potential for explosion. DOT ERG No.-NA

EYE: Dust may irritate eyes.

SKIN: Dust may cause skin irritation.

INHALATION: Dust can cause irritation to mucous membranes and the upper respiratory tract.

Wood dust is considered a carcinogen.

Section 4- FIRST AID MEASURES

EYE CONTACT: Flush thoroughly with water. If irritation occurs, call a physician.

SKIN CONTACT: Wash contact areas with soap and water. Launder contaminated clothing before reuse.

INHALATION: If respiratory irritation, cough, shortness of breath, wheezing or chest tightness

occurs after exposure to dust, remove from further exposure, seek immediate medical assistance and call for a physician.

INGESTION: Not expected to be a problem when ingested in small quantities. If uncomfortable, seek medical assistance.

Section 5- FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

Flash point: Not applicable.

Combustible: Material may burn on contact with oxidizers or ignition sources.

FLAMMABLE LIMITS:

Lower flammable limit: Not applicable.

Upper flammable limit: Not applicable.

AUTOIGNITION TEMPERATURE: Not applicable

EXPLOSION HAZARD: Airborne concentrations of combustible dust, when combined with an ignition source, can cause an explosion hazard if the dust concentration is too high.

HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide, carbon monoxide, nitrogen oxides, aldehydes, cyanides, and other hazardous gases, vapors, and particles.

EXTINGUISHING MEDIA: Water, dry chemical and other agents rated for a wood fire (Type A fire). Use an extinguisher rated for a Type A fire.

FIRE FIGHTING INSTRUCTIONS: Evacuate the area and notify the fire department. If possible isolate the fire by moving other combustible materials. If the fire is small, use a hose-line or extinguisher rated for a Type A fire. If possible, dike and collect water used to fight fires. Fire fighters should wear normal protective equipment (full bunker gear) and positive-pressure self-contained breathing apparatus.

Section 6-ACCIDENTAL RELEASE MEASURES

Not Applicable.

Section 7-HANDLING AND STORAGE

HANDLING: Do not burn in fireplace or use firewood. Please consult Sylvanix Outdoor Products, Inc., for proper usage.

STORAGE: Provide ventilation or other measures. Keep dust away from ignition sources and store in a closed container. Store the decking away from strong oxidizing agents or combustible material.

Section 8-EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Keep the airborne dust concentrations below the exposure limits. Maintain adequate ventilation in the work area.

RESPIRATORY PROTECTION: When respiratory protection is required, or dust concentrations are unknown, use a NIOSH/MSHA approved air-purifying respirator.

SKIN PROTECTION: Wear work gloves to prevent skin irritation.

EYE PROTECTION: Wear ANSI-approved eye protection.

Substance Name	SOURCE	TWA (ppm mg/m ³)	STEL (ppm mg/m ³)
Wood Fiber Dust			
Hardwood	OSHA	5	
Softwood	OSHA	5	
Softwood	AGCIH	5	10

Section 9-PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Solid

ODOR: None

COLOR: IPE, TEAK, LIGHT GREY and other colors

DENSITY: 1.2 g/cm³

FLAME SPREAD INDEX: 125

SMOKE DEVELOPED INDEX: 250

BOILING POINT: NA

MELTING POINT: NA

VAPOR PRESSURE: NA

VAPOR DENSITY: NA

SOLUBILITY IN WATER: NA

PH: NA

Section 10-STABILITY AND REACTIVITY

CHEMICAL STABILITY: (CONDITIONS TO AVOID) Stable.

CONDITIONS TO AVOID: Heat and flame. Build up of dusts.

INCOMPATIBILITY: Keep away from high temperatures and strong oxidizers, such as concentrated nitric acid, oxygen, hydrogen peroxide, and chlorine.

HAZARDOUS DECOMPOSITION PRODUCTS: Smoke, Carbon monoxide, Formaldehyde, Formic Acid, Acetaldehyde, Acetic Acid.

HAZARDOUS POLYMERIZATION: Will not occur.

Section 11-TOXICOLOGICAL INFORMATION

WOOD DUST (softwood) and TITANIUM DIOXIDE

Wood dust and titanium dioxide have been classified NIOSH-Ca or “potential occupational carcinogen, with no further categorization”.

Teratology (Birth Defect) Information: No hazards reported.

Reproduction Information: NO hazards reported.

Sensitizer : NO hazards reported.

Section 12-ECOLOGICAL INFORMATION

Do not expected to pose an ecological hazard as a result of their intended uses.

Section 13-DISPOSAL CONSIDERATIONS

Dispose of waste as normal refuse according to local, state/provincial, and federal requirements.

Section 14-TRANSPORTATION INFORMATION

USA DOT: Not regulated by US DOT.

IMO: Not regulated by IMO.

Section 15-OTHER INFORMATION

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