

MATERIAL SAFETY DATA SHEET

(Decking and Railing)

Prepared by: MEIXIN MANUFACTURING CO.,LTD

Section 1- PRODUCT AND COMPANY INFORMATION

Product Names: Decking and Railing

Brand Name: NewTech

Address: NGA Industrial Park, Daling, Huidong, Guangdong, PRC. 516321

Telephone: 86-752-8138888

Section 2- COMPONENT AND INGREDIENT INFORMATION

Component	Units	Data	Standard	Result
Pb content	mg/Kg	< 1000mg/Kg	EPA 3050B: 1996	NA
Cd content	mg/Kg	< 1000mg/Kg	BS EN1122: 2001	NA
Hg content	mg/Kg	< 1000mg/Kg	EPA 3052: 1996&EPA 7473:1998	NA
chromium(VI) content	mg/Kg	< 1000mg/Kg	EPA 3060A: 1996&EPA 7196A:1992	NA
polybrominated biphenyl	mg/Kg	< 1000mg/Kg	EPA 3540C&EPA 3550C	NA
Polybrominated Diphenyl Ethers	mg/Kg	< 1000mg/Kg	EPA 3540C&EPA 3550C	NA

Section 3- HAZARDS IDENTIFICATION

Emergency Overview

Contact with strong oxidizers or exposure to temperatures greater than 400F may cause a fire . Smoke may contain carbon monoxide aldehydes and other toxic materials. Airborne wood and plastic dust may explode when combined with an ignition source.

Potential Health Effects

EYE: Dust may irritate eyes.

SKIN: Dust may cause skin irritation.

INGESTION: Not known.

INHALATION: Dust can cause irritation to mucous membranes and the upper respiratory tract. Wood dust is considered a carcinogen.

Section 4- 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: Typically 400-500°F.

EXPLOSION HAZARD: Airborne concentrations of combustible dust, when combined with an ignition source, can cause an explosion hazard if the dust concentration exceeds 30-60g/m³.

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 5-ACCIDENTAL RELEASE MEASURES

Not Applicable.

Section 6-HANDLING AND STORAGE

HANDLING: Provide ventilation or other measures so that dust levels are below the exposure limits listed in Section 2.

STORAGE: Keep dust away from ignition sources and store in a closed container. Consult NFPA 68 and 70 for additional information.

Section 7-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.

Section 8-PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: NA	DENSITY: 28-70 lb/ft ³
MELTING POINT: NA	PH: NA
VAPOR PRESSURE: NA	ODOR: None
VAPOR DENSITY: NA	APPEARANCE: Shiny solid, various colors
SOLUBILITY IN WATER: NA	

Section 9-STABILITY AND REACTIVITY

CHEMICAL STABILITY: (CONDITIONS TO AVOID) Stable.

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

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, hydrogen cyanide, and other products of wood combustion.

HAZARDOUS POLYMERIZATION: Will not occur.

Section 10-TOXICOLOGICAL INFORMATION FOR WOOD DUST AND TITANIUM DIOXIDE

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.

Reproduction Information : No hazards reported.

Sensitizer : NO hazards reported.

Section 11-ECOLOGICAL INFORMATION

These wood products are not expected to pose an ecological hazard as a result of their intended uses.

Section 12-DISPOSAL CONSIDERATIONS

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

Section 13-TRANSPORTATION INFORMATION-Hazardous Materials Table 172.101

Shipping Name	NA	Packing Group	NA
Hazard Class	NA	Placards/Labels	NA
Identification No.	NA	Special Provisions	NA

Section 14-REGULATORY INFORMATION

OSHA: Hazard Communication	CFR 1910.1200 (b)(6)(iv)	CERCLA RQ:	NA
EPCRA EHS RQ Section 302:	NA	EPA CAA SECTION 112 (r)	NA
EPCRA Section 313:	NA	Uniform Fire Code	NA

Section 15-OTHER INFORMATION

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