

ÆRATIS

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PVC PORCH FLOORING

MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT Aeratis

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Aeratis, composite porch board

MANUFACTURER: Building Products International, LLC

ADDRESS: PO Box 13554, Chandler, AZ 85248

Chemical Name: Composite mixture

EMERGENCY PHONE:

PRODUCT USE: Porch flooring

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name: Polyvinyl Chloride Compound

CAS NO. N/A

% WT: 50 – 85%

Chemical Name: Cellulose

CAS No: 9004-34-6

% WT: 10 – 25%

Chemical Name: Lubricant mixture

Calcium Stearate, CAS No.: 1592-23-0

Paraffin Wax, CAS No.: 8002-74-2

Polyethylene Wax, CAS No.: 68441-17-8

% WT: 0 – 5%

Chemical Name: Process Aids, Acrylic polymers

CAS No: Proprietary

% WT 0 – 3%

Chemical Name: Impact Modifiers, Acrylic

CAS No: Proprietary

% WT 0 – 10%

Chemical Name: Colorants
Titanium Dioxide, CAS No: 13463-67-7
Organic Pigments, CAS No: Proprietary
Inorganic Pigments, CAS No: Proprietary

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

In normal use, the product is not hazardous. However, this product may be cut or finished in ways which produce dust by cutting or sawing. Use of a dust mask is recommended since certain fillers are considered hazardous if the airborne concentration exceeds the OSHA or ACGIH exposure limits for long periods of time. This amount of exposure is considered unlikely with this product due to all fillers in the product being fully stabilized in the plastic resin matrix. Dispose of waste as normal refuse.

SECTION 4: FIRST AID MEASURES

EYES: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritations persist, seek medical attention.

SKIN: No known effects

INGESTION: Ingestion of this material is unlikely; however if it does occur, seek medical attention immediately.

INHALATION: This material is not expected to present an inhalation hazard. If having inhalation problems remove to fresh air and seek medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: N/A

AUTOIGNITION TEMPERATURE: N/A

NFPA HAZARD CLASSIFICATION

HEALTH: 0 FLAMMABILITY: 1 REACTIVITY: 0

EXTINGUISHING MEDIA: Water

SPECIAL FIRE FIGHTING PROCEDURES: Use water to keep fire exposed product cool. For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

Scoop up or vacuum material. Place in a suitable container for disposal in accordance with local, state or federal laws.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Do not use in applications where heavy structural loads must be supported or bracing is required, or directly adjacent to any high heat applications.

OTHER PRECAUTIONS: Do not burn in fireplace, burning barrel, or use as firewood.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: Use in a well ventilated area. Provide ventilation to control nuisance dust levels to worker exposure limits. Use a properly fitting, approved dust respirator for dusty conditions or if breathing of dusts is likely.

EYE PROTECTION: Safety Glasses with side shields.

SKIN PROTECTION: Long sleeved clothing.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety shoes recommended.

WORK HYGIENIC PRACTICES: Handle in accordance with good industrial hygiene and safety practices.

EXPOSURE GUIDELINES:

Vinyl Chloride: 15 ppm PEL, TWA, Respirable, 15 min. OSHA

Total Dust: 15 mg/m³, TWA, OSHA

Total Dust: 10 mg/m³, TWA, ACGIH

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Profiles are various colors

ODOR: Faint

PHYSICAL STATE: Solid

BOILING POINT: N/A

MELTING POINT: 315° F

VAPOR PRESSURE: N/A

SPECIFIC GRAVITY: 1.1 – 1.3

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: None

STABILITY: Stable

CORROSIVITY: None

INCOMPATIBILITY: None

REACTIVITY WITH WATER: None

EXPLOSION: Does not support rapid combustion, high dust levels may create potential for explosion

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

Sawing, sanding and machining of this product may produce nuisance dust. See Section 8 for precautions.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Adverse ecological impact is not known or expected under normal use.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: This finished product is not specifically listed by the EPA as a hazardous waste (40, part 261D), nor is it formulated to contain materials which are listed as hazardous wastes. The generator of waste material has the responsibility for proper waste classification, and disposal in accordance with applicable local, state, and federal regulations.

SECTION 14: TRANSPORT INFORMATION

Domestic transportation of these products are not defined or designated as a hazardous material by the USDOT under Title 49 of the Code of Federal Regulations, 1983 Edition.

SECTION 15: REGULATORY INFORMATION

No EPA or OSHA requirements exist for this product. Members of Building Products International, LLC and its affiliates are not liable for information given herein.

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