



81 Mack Ave., Toronto, On  
Canada M1L1M5

1-888—380-9961  
www.truemarc.com

# Material Safety Data Sheet<sup>1</sup>

ISSUE/REV DATE                    2007.12.6

## **PRINCIPAL HAZARDOUS COMPONENTS - NONE**

### **SECTION I - PRODUCT IDENTIFICATION**

Generic Description:                Plastic Processing Aid  
MSDS Number:                        TRUEMARC002  
Version Number:                      001  
Product:                                Composite Decking  
Manufacturer:                         BeiJing ONYX Environmental Technology Inc  
WHIMS Classification:                Product not subject to WHIMS regulation  
Material Usages:                      Plastic Processing Aid. General Purpose

<sup>1</sup> The information on this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

### **SECTION II - COMPOSITION**



81 Mack Ave., Toronto, On  
Canada M1L1M5

1-888—380-9961  
www.truemarc.com

TUREMARC decking is a lead-free composite decking made by solid-core cellular vinyl.

All thermoplastic ingredients are chemically bound during the manufacturing process, forming a natural, wood-looking cellular PVC product. Sawing, drilling or nailing these products may produce nuisance dust. Machining these products, via lathe or router, may produce nuisance dust and a faint odor.

Chemical Family: PVC  
Material Use: Plastics  
Hazardous Ingredients: None

Chemical Name: Polyvinyl Chloride Compound (PVC)  
CAS No: 64741-47-5  
Common Name: PVC Compound  
Percent in Product: 70% max by weight

Chemical Name: Agricultural Fiber (mineral fiber)  
CAS No: 9004-34-6 (cellulose)  
Common Name: Rice Hulls  
Percent in Product: 30% max by weight

### SECTION III - HEALTH HAZARD IDENTIFICATION

Routes of entry: Inhalation and possible ingestion of dust and fume produced when cutting products.

Immediate effects: Inhalation of product is expected to be irritating to nose, throat, lung and skin.

Irritancy: Dust may cause foreign body-type skin, eye, or respiratory tract irritation.

Acute Eye Contact: Mishandling these products may result in traumatic eye injuries.

Carcinogenicity: Wood dust is considered by the International Agency for Research on Cancer (IRAC) to be carcinogenic (Group 1). However, this product, the wood particles are bound in a plastic matrix; the carcinogenic potential of this wood-plastic matrix is not known.

Sensitization: Components are not known to cause sensitization.

Chronic Skin or Eyes: None  
Reproductive Toxicity: None  
Teratogenicity: None  
Mutagenicity: None



81 Mack Ave., Toronto, On  
Canada M1L1M5

1-888—380-9961  
www.truemarc.com

Synergistic products: None

#### **SECTION IV - FIRST AID MEASURES**

Inhalation: Move subject to fresh air, Provide supportive measures. Get medical attention.

Eye Contact: Quickly remove victim from sources of contamination. For dust in eye(s), flush eye(s) immediately with water, including under eyelids for at least 20 minutes. Contact a physician for further evaluation.

Skin Contact: Quickly remove victim from sources of contamination. Immediately flush with lukewarm water until irritation subsides. Use soap if it is available. If irritation persists, get medical attention.

Ingestion: Unlikely. Consult physician if ingestion occurs.

Fires: Move to fresh air. Administer oxygen and get medical help.

#### **SECTION V - FIRE FIGHTING MEASURES**

Flammability: This product, in the board form, is not flammable and will not support flame.

Auto ignition point: 653° F / 345° C

Flash ignition point: 682° F / 361° C

Extinguishing Media: Water spray. Dry chemical. Carbon dioxide may be ineffective on larger fires due to lack of cooling capacity which may result in reignition.

#### **SECTION VI - ACCIDENTAL RELEASE MEASURES**

Leak/Spill: Sweep up to prevent a slippery hazard. Sweep, shovel or vacuum spilled resins into a container for reuse or disposal.

#### **SECTION VII - HANDLING AND STORAGE**



81 Mack Ave., Toronto, On  
Canada M1L1M5

1-888—380-9961  
www.truemarc.com

- Handling:** Do not use in applications where heavy structural loads must be supported or bracing is required, or directly adjacent to any high heat applications. See installation instructions for more details. Do not burn in fireplace or use as firewood.
- Procedure & Equipment:** Mechanical handling equipment can cause formation of dusts. Dust layers should be permitted to accumulate in order to avoid any potential for dust explosion hazards. Handle in accordance with good industrial hygiene and safety practices.
- Storage:** Normal storage conditions

## **SECTION VIII - EXPOSURE CONTROL/PERSONAL PROTECTION**

### **Personal Protective Equipment:**

- Respirators:** Not normally required. Provide ventilation to control dust levels to worker exposure. For fire situations see section 4.
- Eyes:** Safety goggles or safety glasses with side shields.
- Skin:** Protective gloves when handling hot material.
- Other Protection:** Eye wash and safety shower.
- Ventilation:** Special ventilation is not normally required. However, efficient exhaust should be provided operations capable of creating fumes or vapors. Cutting, sawing, machining, heat welding, thermoforming other operations involving heat sufficient to result in degradation should be examined to ensure adequate ventilation.

## **SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

- Physical State:** Solid & Hollow Profile
- Color/Odor:** Varies / Odorless



81 Mack Ave., Toronto, On  
Canada M1L1M5

1-888-380-9961  
www.truemarc.com

Boiling Point (° F):	N/A
Freezing Point (° F):	N/A
Vapor Density (Air=1):	N/A
Evaporation rate:	N/A
Specific gravity (Water=1):	0.8~1.0 g/cm <sup>3</sup>
Vapor Pressure:	N/A
Solubility in water (% w/w):	Insoluble.

#### **SECTION X - STABILITY AND REACTIVITY**

Stability:	Material is stable.
Corrosive:	None
Incompatibility:	None
Condition to avoid:	Extreme heat
Explosion:	Does not support rapid combustion; high dust levels may create potential for explosion.

#### **SECTION XI - TOXICOLOGICAL INFORMATION**

All ingredients are chemically or physically bound during the manufacturing process to form a finished product. Sawing any of these products may produce nuisance dust. Historically, nuisance dusts have little adverse effect on lungs and do not produce significant organic disease or effect when exposures are kept under reasonable control.

#### **SECTION XII - ECOLOGICAL INFORMATION**

No data

#### **SECTION XIII - WASTE DISPOSAL CONSIDERATIONS**



81 Mack Ave., Toronto, On  
Canada M1L1M5

1-888—380-9961  
www.truemarc.com

Scrap material should be swept or scooped into a sealed, labeled container for recovery or disposal. Dispose in accordance with applicable federal, state and local government regulations. Extruded vinyl materials, including PVC composite lumber, are not presently listed as a hazardous substance by RCRA, Subpart C, 40 CFR 261. PVC composite lumber should not be disposed of through burning or combustion due to potentially irritating by products of combustion.

#### **SECTION XIV - TRANSPORTATION INFORMATION**

For domestic transportation purposes, these products are not defined or designated as a hazardous material by the U.S. Department of Transportation under Title 49 of the Code of Federal Regulations, 1983 Edition.

#### **SECTION XV - REGULATORY INFORMATION**

WHMIS Classification: This is not a classified product.

CPR compliance: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

#### **SECTION XVI - OTHER INFORMATION**

##### **Acronyms/definitions used in this MSDS:**

CAS No: Chemical Abstracts Service Number

EPA: Environmental Protection Agency

g/cm<sup>3</sup>: Grams per cubic centimeter

HMIS: Hazardous Material Identification System

IARC: International Agency for Research on Cancer

N/A: Not Applicable

RCRA: Resource Conservation and Recovery Act



81 Mack Ave., Toronto, On  
Canada M1L1M5

1-888—380-9961  
[www.truemarc.com](http://www.truemarc.com)

These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable.