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## Material Safety Data Sheet

### 1. Chemical Product and Company Identification

August 2009

Product Name: XLM Deck Planking/Railing  
Chemical Products: Vinyl Resin Compounds  
Synonyms: Poly (vinyl chloride), PVC, and vinyl  
Formula: Polymer resin (CH<sub>2</sub>CHCL)<sub>n</sub>

#### Company Identification

TimberTech  
894 Prairie Avenue  
Wilmington, OH 45177

#### Emergency Telephone Number

Phone (937) 655-8766  
Fax (937) 655-5241

### 2. Composition/Information on ingredients

CAS #	Component	Percent
	PVC Polymer,	65 - 90
	Inert Fillers; CaCO <sub>3</sub> , TiO <sub>2</sub>	3 - 15
	Heat Stabilizers; Proprietary	1 - 5
	Lubricants; Proprietary	1 - 5
	Process Aids; Proprietary	1 - 5
	Impact Modifiers; Proprietary	2 - 10
	Pigments, Proprietary	0.1 - 7

### 3. Hazards Identification

Hazard Summary Statement: Cutting and drilling of XLM Decking or Railing may result in the generation of dust. The dust is classed as a nuisance dust. Exposure to the dust may cause physical irritation of contacted areas.

DO NOT incinerate or burn product. However, in case of fire, HCL gas will be produced. HCL gas is irritating to the upper respiratory tract. Exposure to high concentrations of HCL gas may be fatal.

### 4. First Aid Measures

Eye Contact: Product may cause injury or irritation during cutting or drilling. Flush eyes with water for at least 15 minutes while lifting upper and lower eyelids. Seek medical attention if irritation persists.

Skin Contact: Not an anticipated hazard, however, good personal hygiene practices are always recommended for material handling.

Inhalation of process fumes: Remove affected individual to fresh air. Contact a physician.

Ingestion: Not an anticipated hazard.

## 5. Fire-Fighting Measures

Extinguishing media: Water, foam, and dry chemical

Special Fire-fighting Procedures: Wear self-contained breathing apparatus (SCBA) in positive pressure mode. Personnel not having suitable respiratory protection must leave the area to prevent significant exposure to toxic combustion gases from any source. In enclosed or poorly ventilated areas, wear SCBA during cleanup immediately after a fire as well as during the attack phase of fire fighting operations.

Special Protective Equipment: For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.

Unusual fire and explosion Hazards: At the high temperatures required to actually ignite XLM deck boards, HCL gas will be produced. HCL gas is irritating to the upper respiratory tract. Exposure to high concentrations of HCL gas may be fatal.

NFPA Hazard ID. Health 0; Flammability: 1; Reactivity: 0

Hazardous Decomposition Product: Hydrogen chloride, Carbon dioxide

## 6. Accidental Release Measures

Notification Procedures: None.

Procedures if material are Released or Spilled: Vacuum or sweep material into a clean properly labeled container for reuse or disposal.

Personal Precautions: See Section 8

## 7. Handling and Storage

Handling: As with any product, should dusting occur from material handling, sources or ignition, such as static discharge, should be addressed by the user to prevent the ignition and sudden release of energy from suspended, finely divided particulate. Remove product from walkways and floors to prevent slipping hazards.

Storage: Sprinkled warehouse areas are recommended. The product by itself will not support combustion; however, materials such as wooden pallets, paper bags, cardboard boxes and other combustibles can provide sufficient fuel to cause the product to burn.

## 8. Exposure Controls/Personal Protection

Ventilation: No special requirements under ordinary conditions of use and with adequate ventilation.

Respiratory Protection: Approved dust respirators may be used for dusty conditions or if breathing of powder is likely. No special requirements under ordinary conditions of use and with adequate ventilation.

Eye Protection: Safety glasses with side shields, or goggles, should be worn to protect against dust particles or chipped materials.

Skin Protection: No special equipment required. However, good personal hygiene practices should always be followed.

## 9. Physical and Chemical Properties

Typical physical properties are given below:

Appearance: Solid

Color:

Odor: Slight

Flash Point: NE

Volatile Organic Compound: NE

Bulk Density: Range 0.5 – 0.6 gm/cc

## 10. Stability and Reactivity

Stability (Thermal, Light, Etc.): Stable

Conditions to Avoid: Extreme heat and i.e. “solvent based cleaners?”, etc.

Incompatibility (materials to avoid-Organic Solvents & Acetones.

Hazardous Decomposition Products CAUTION! Prolonged heating (approximately 30 minutes or more) of the product above 200° C (392° F) or short term heating at 250° C (482° F) may result in rapid evolution of hydrogen chloride.

Hazardous Polymerization: Will not occur.

## 11. Toxicological Data

No Data Available

## 12. Ecological Information

Environmental fate and effects: Not established

### 13. Disposal Considerations

Waste Disposal: Dispose of waste as normal refuse/

RCRA Information: The unused product (scrap) is not listed by the EPA as a hazardous waste (40CFR Part 261ZD). It does not exhibit the hazardous characteristics of ignitability, corrosivity or reactivity and is not formulated with contaminants as determined by the Toxicity Characteristic Leaching Procedure (TCLP). However, used product may be regulated local governing bodies.

### 14. Transport Information

U.S. DOT: Not Regulated

### 15. Regulatory Information:

Toxicity Characteristic Leaching Procedure (TCLP): All analytical results for the metal, VOC, and SVOC portions of the TCLP analytical test were at or below the adjusted reporting limit. All results are below detection limits and the materials testes are not considered a hazardous waste.

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Prepared by: Crane Plastics Company/TimberTech  
Safety and Environmental & Research and Development Group