



# MATERIAL SAFETY DATA SHEET

THERMOPLASTICS (PVC RAILING, FENCING & SHEDS)

FILE NO.: BOL-PL-001  
MSDS DATE: 04/09/2010

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME: THEMOPLASTICS (PVC RAILING, FENCING & SHEDS)  
SYNONYMS: POLYVINYL CHLORIDE, VINYL, PVC  
PRODUCT CODES:

MANUFACTURER: BARRETTE OUTDOOR LIVING, INC  
DIVISION: PLASTICS  
ADDRESS: 740 N MAIN STREET, BULLS GAP, TN 37711

EMERGENCY PHONE: 423-601-7300  
CHEMTREC PHONE:  
OTHER CALLS: 423-601-7300  
FAX PHONE:

CHEMICAL NAME: N/A  
CHEMICAL FAMILY: N/A  
CHEMICAL FORMULA: N/A

PRODUCT USE: FENCING, RAILING, STORAGE SHED  
PREPARED BY: EHS DEPT

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## SECTION 2: HAZARDS IDENTIFICATION

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EMERGENCY OVERVIEW: This product is considered non-hazardous when used as intended  
ROUTES OF ENTRY: None expected

### EFFECTS OF OVEREXPOSURE:

There are no significant health hazards from vinyl compound at ambient temperature. Inhalation of decomposition or combustion products, especially hydrogen chloride, will cause irritation of the respiratory tract, eyes and skin. Depending on the severity of exposure, physiological response will be coughing, pain and inflammation. Individuals with bronchial asthma and other types of chronic respiratory diseases may develop bronchospasm if exposure is prolonged.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/K

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### CARCINOGENICITY

OSHA: NO                      ACGIH: NO                      NTP: NO                      IARC: NO

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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**INGREDIENT:** All ingredients are bound-up in the manufacturing process and are not expected to create any hazard in handling or use. Finished goods are inert.  
Fence, Railing, Sheds, Lineal Fence Parts.

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## SECTION 4: FIRST AID MEASURES

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If irritation persists from exposure to decomposition products, remove the affected individual from the area. Provide protection before reentry

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## SECTION 5: FIRE-FIGHTING MEASURES

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Flashpoint: Not applicable to solid products.  
Ignition Temperature: PVC > 730°F (>388°C)

Flammable Limits in Air (% by volume): Lower – N/A; Upper – N/A

Extinguishing Media: Water spray, ABC dry chemical, AFFF, protein type air foams. Carbon dioxide may be ineffective on larger fires due to a lack of cooling capacity, which may result in reignition.

Firefighting Instructions: Wear positive pressure self-contained breathing apparatus (SCBA). 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 clean-up immediately after a fire as well as during the attack phase of firefighting operations.

Unusual Fire and Explosion Hazards: None known.

Hazardous Decomposition Products: CO, CO<sub>2</sub> hydrogen chloride and small amounts of benzene and aromatic and aliphatic hydrocarbons.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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Material is inert. Place into a container for reuse or disposal.

Water Disposal Method: Dispose of waste in accordance with federal, state and local regulations. For waste disposal purposes these products are not defined or designated as hazardous by current provisions of the Federal Resources and Recovery Act (RCRA) 40CFR261.

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## SECTION 7: HANDLING AND STORAGE

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As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions, in addition to those described herein. Any health and safety information contained herein should be passed on to your customers or employees, as the case may be.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Ventilation:

Provide efficient exhaust at all operations capable of creating fumes or vapors. Cutting or sawing, machining, heat welding, thermofolding and other operations involving heat sufficient to result in degradation should be examined to ensure adequate ventilation.

### Respiratory Protection:

Not normally required. If overheating results in decomposition resulting in smoke or fumes a NIOSH/MSHA approved combination high efficiency particulate filter with organic vapor cartridge can be used. Gross decomposition may require the use of a positive pressure self-contained breathing apparatus.

### Protective Equipment:

Wear safety glasses.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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Boiling Point: N/A

Melting Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Insoluble

% Volatile by Weight: N/A

Specific Gravity: (H<sub>2</sub>O = 1) 1.35-1.55

Appearance and Odor: No odor.

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## SECTION 10: STABILITY AND REACTIVITY

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CHEMICAL STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

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## SECTION 11: TOXICOLOGICAL INFORMATION

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TOXICOLOGICAL INFORMATION: N/A

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## SECTION 12: ECOLOGICAL INFORMATION

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ECOLOGICAL INFORMATION: N/A

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## SECTION 13: DISPOSAL CONSIDERATIONS

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WASTE DISPOSAL METHOD: Dispose of in accordance to federal, state and local regulations. Product is not considered hazardous waste.

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## SECTION 14: TRANSPORT INFORMATION

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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.

DOT Proper Shipping name: N/A

DOT Hazard Class: Not hazardous

DOT label: None required

UN/NA Hazard No.: N/A

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## SECTION 15: REGULATORY INFORMATION

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U.S. FEDERAL REGULATIONS: N/A

STATE REGULATIONS: N/A

INTERNATIONAL REGULATIONS: N/A

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## SECTION 16: OTHER INFORMATION

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The information contained herein is based on data available and is believed to be correct; however, Barrette Outdoor Living makes no warranty, expressed or implied, regarding the accuracy of this data. No liability is assumed for injury from the use of the product described herein.