

Fencing & Decking

Product Overview

In 1994, Westech Building Products expanded its ridged and cellular profile extrusion product offering with the development of a vinyl fence program. Westech has since developed many innovative product lines that have become the benchmark for product quality and performance in the fence, deck and railing industry. All finished products are considered articles for Westech Building Products in the commercial and residential building/construction industry.

Production

Westech Building Products is part of Westlake Chemical. We offer a unique manufacturing opportunity in our vertical integration from raw materials from our parent company Westlake Chemical through to manufacturing and on to distribution. The ingredients are dispersed, bound, and encapsulated within the polymer matrix of the profile and are not released in significant amounts under normal end-use conditions.

Health Effects and Exposure Potential

The product, as supplied, does not cause health effects or have exposure potential; however, processing or heating the product may cause health concerns. Processing, such as sawing, sanding, and abrasive applications, may create dusts that have the potential to cause mechanical injury to the eye. If the product is heated to elevated temperatures, or if under fire conditions, thermal degradation of the polymer matrix may occur and result in the release of thermal decomposition products such as methyl methacrylate monomers and hydrogen chloride. Under certain conditions methyl methacrylate monomer may cause skin, eye, and respiratory tract irritation, central nervous system depression, and skin and respiratory sensitization in susceptible individuals. Under certain conditions hydrogen chloride may cause skin burns, eye damage and respiratory tract irritation.

Environmental Effects

The product is expected to decompose very slowly in the natural environment.

Safe Handling, Storage, and Disposal

The product, as supplied, does not cause adverse health effects or have exposure potential; rather, the hazards associated with handling and storing the product are physical in nature. If dusting occurs from handling or processing the product, dust accumulation and potential sources of ignition such as static discharges should be addressed by the user to prevent fire or explosion from suspended, finely divided particles.

When stored, the product should be kept clear of walkways and floors to prevent tripping hazards. The product should be disposed of or recycled in accordance with applicable federal, state/provincial, and local regulations. It should not be disposed into sewers, onto the ground, or into any body of water.

Fire and Explosion Hazards

The product, as supplied, is not a fire or explosion hazard. However, processing the product, such as sawing, sanding, and abrasive applications, may cause dust accumulation. Potential sources of ignition, such as static discharges, may cause fire or explosion from suspended, finely divided particles.

Water, foam or dry chemical are appropriate extinguishing media. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode due to potentially hazardous thermal decomposition products. In fire conditions, the product may produce irritating or toxic vapors including hydrochloric acid, carbon monoxide, carbon dioxide, methyl methacrylate monomer, aldehydes, ammonia, hydrogen cyanide, hydrocarbons and other potential toxics dependent on specific conditions.

Physical and Chemical Properties

The product is a solid plastic profile in various colors and it has no specific odor. The specific gravity is 1.42 and the heat deflection temperature is 168°F. Melting point, vapor density, percent volatiles and water solubility are not applicable to this product.

Regulatory Information

The product is classified as an article and is exempt from the Safety Data Sheet requirements of the United States' Occupational Safety and Health Administration (OSHA) Hazard Communication Standard and the Canadian Workplace Hazardous Materials Information System (WHMIS).

This product is not a hazardous material or dangerous good for purposes of transportation under the United States Department of Transportation and Transport Canada, respectively.

Product Certifications and Listings

Please see the Westech Building Products website at www.westechbp.com for additional information.

Additional Information

For more information regarding Westech Building Products, please contact 1-866-423-2385.

References

- Westech Building Products website: www.westechbp.com
- Westlake Chemical website: www.westlake.com

Notice

Prior to its use, the user is responsible for determining the suitability of the product or products covered by this Product Summary and for complying with all federal, state, provincial, local laws and regulations in connection with its use. Neither Westlake Chemical nor any of its affiliates shall be responsible for any damages of any kind whatsoever resulting from the use of or reliance on this Product Summary or product or products to which it refers.

This Product Summary is intended only to provide a general summary of the potential hazards associated with the product or products described herein. It is not intended to provide detailed information about potential health effects and safe use and handling information and, although Westlake Chemical believes this information is correct; Westlake Chemical makes no warranties as to its completeness or accuracy.

This information is subject to change without notice.

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