

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Name: CLADIATOR® Slotted-Z

Chemical Family: Pultruded Fiber Reinforced Polymer

Product Type: Manufactured Article

Supplier's Name: CLADIATOR®
3114 Tonnelle Ave, North Bergen, NJ 07047
WWW.CLADIATOR.COM

Emergency Number: 201-751-4888

SECTION 2: HAZARD IDENTIFICATION

When used as intended, CLADIATOR® Slotted-Z is not considered to be hazardous.

Description: This product aligns with the definition of a "manufactured article". It is a manufactured item characterized by its shape formed during manufacturing. Hazards referenced are listed in conjunction with modifications to the manufactured article and exposure to dust from cutting may irritate eyes, nose, throat, and skin. If the product is used in a way that does not cause significant amounts of dust, this safety data sheet may not apply. Product used under normal conditions does not release more than very small quantities of hazardous chemicals, and does not pose a health risk.

Potential Acute Health Effects and Precautionary Statements:

Inhalation and Eye Contact: Nuisance dust from machining may cause respiratory tract irritation and eye irritation.

Skin Contact: No effects are expected under normal use. Nuisance dust from machining may cause irritation.

Ingestion: Ingestion is unlikely under normal use.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

The composition of Fiber Reinforced Polymer (FRP) products includes a blend of resin, inorganic fillers, pigments, processing additives, and fiberglass reinforcement. Through the manufacturing process, this blend undergoes curing and solidification, resulting in a durable, stable material that poses no hazards when managed correctly. Please refer to Product Declare Label for further information.

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SECTION 4: FIRST AID MEASURES

Not anticipated to pose a health hazard under normal, expected usage. However, dust particles generate during processing could potentially cause irritation.

Inhalation: Move individual to fresh air and get medical attention if coughing or other symptoms develop and/or do not subside.

Eye contact: Flush with water for 10 minutes or until irritation is resolved. Seek medical attention if necessary.

Skin contact: Remove contaminated clothing. Wash with soap and water.

Ingestion: Material unlikely to be ingested. Seek medical attention if ingested.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media: Dry chemical, carbon dioxide, or foam.

Explosion Hazard: Significant dust buildup (from machining and tooling) has the potential to combust.

Fire Fighting Procedure: Full firefighting gear and use self-contained breathing apparatus during a fire (SCBA).

SECTION 6: ACCIDENTAL RELEASE MEASURES

Precautions: Prevent activities that lead to the dispersion of airborne dust from machining / fabricating / tooling. Refrain from breathing in dust particles.

SECTION 7: HANDLING AND STORAGE

Handling Guidelines: Take precautions to prevent contact with your eyes and skin. Ensure the use of suitable gloves during handling. Employ correct lifting and handling methods to reduce the risk of injury. In cases where cutting, grinding, or similar tasks are necessary, minimize the creation and buildup of dust. Avoid inhaling dust and use the appropriate protective gear.

Storage Recommendations: Store the product away from sources of heat, open flames, or any potential ignition sources.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	Occupational Health and Safety Law No. 6331/Anti-Dust Regulation (Permissible Exposure Limits for the Workplace/ACGIH)	TWA / ZA0D (Threshold Limit Values/Time Weighted Average Value)
Particulate Dust	15.0 mg/m ³ (total dust)	5.0 mg//m ³ (inhalable fraction)
Particulate Dust	5.0 mg/m ³ (respirable fraction)	1 fiber/cm ³ (respirable fraction)

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Eye / Face Safety: Utilize safety goggles during activities such as processing, cutting, grinding, and similar tasks.

Protective Work Attire: Wear protective clothing to minimize the potential for skin contact with dust. Irritation may occur from exposure to dust.

Respiratory Care: Refrain from inhaling dust, and in scenarios where respirable fibers/dust are generated, use HEPA respiratory protection.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Rigid

Physical State: Solid

Odor: Mild, Characteristic Odor

Color: Purple or Black

Solubility in Water: Insoluble

SECTION 10: STABILITY AND REACTIVITY

Stable: Yes, under normal operations.

Conditions to Avoid: Flames with combustible dust.

Hazardous Decomposition Products: When burned, this product may form carbon dioxide, carbon monoxide, and toxic fumes.

SECTION 11: TOXICOLOGY INFORMATION

Toxicological data is not available for this product.

SECTION 12: ECOLOGICAL INFORMATION

Ecological data is not available for this product.

SECTION 13: DISPOSAL CONSIDERATIONS

This product is not considered to be hazardous. Dispose of at approved landfills in accordance with federal, state, and local regulations.

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SECTION 14: TRANSPORT INFORMATION

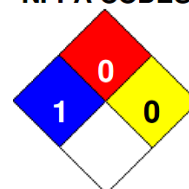
This material is not classified as a Hazardous Material under U.S. DOT or Canadian TDG regulations.

SECTION 15: REGULATORY INFORMATION

HMIS RATING

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
SPECIAL RISK	0

NFPA CODES



Abbreviations:

- HMIS (Hazardous Materials Identification System)
- SCBA (Self Contained Breathing Apparatus)
- ACGIH (The American Conference of Governmental Industries Hygienists)
- OSHA (Occupational Safety and Health Administration, USA)

SECTION 16: OTHER INFORMATION

Disclaimer: The information provided in this Safety Data Sheet is believed to be precise as of the Safety Data Sheet creation date. CLADIATOR® does not provide a direct or indirect guarantee regarding the accuracy or comprehensiveness of this information and does not assume any responsibility to notify the recipient of any alterations or updates to this document. Recipients are encouraged to verify that the information and suggestions are presently applicable and suitable for their specific needs. Given that the product's conditions and usage methods are beyond our influence, CLADIATOR® disclaims any liability stemming from the product's utilization or the information presented herein.

Prepared By: CLADIATOR®

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