

PRODUCT IDENTIFICATION

TRADE NAME AND SYNONYMS	Fiber reinforced plastics, pultrusion, Ultrex™ Durion™ coated product and uncoated product
CHEMICAL NAME AND SYNONYMS	Continuous fiber reinforced thermoset plastic composites (pultrusions) coated with acrylic
CHEMICAL FAMILY	Glass reinforced thermoset plastics
DOT HAZARD CLASSIFICATION	Not applicable
COMPANY IDENTIFICATION	Tecton Products LLC PO Box 2712 4401 15 th Ave N Fargo, ND 58108-2712 Phone: 701-277-0209 or Fax: 701-277-0219 www.tectonproducts.com or contact sales@tectonproducts.com

COMPOSITION/INFORMATION ON INGREDIENTS

Pultrusions are solid forms composed of polyester resin and fibrous glass, oxides and calcium fused in an amorphous vitreous state. These raw materials are combined with both heat and pressure to produce a stable, solid material that is non-hazardous when handled or processed in accordance with good manufacturing and industrial hygiene practices. Acrylic is melted and applied to the basic pultrusion through a proprietary and patented process.

HAZARDS IDENTIFICATION

EXPOSURE CONTROL	Fabricating, cutting, drilling, etc. of thermoset plastics may produce dust, which should be controlled. Particulate level should not exceed the following OSHA standard: TWA 15mg/m ³ (Total Dust) and TWA 5 mg/m ³ (Respirable Particulate). TWA = Time weighted average as defined by OSHA (Occupational Safety and Health Administration).
EFFECTS OF OVEREXPOSURE	Exposure to dust in excess of PEL (permissible exposure limit over an 8-hour period) may result in skin or upper respiratory tract irritation. Pre-existing skin or respiratory disorders may cause more susceptibility to these effects.
CARCINOGENICITY STATUS:	Not listed by International Agency for Research of Cancer (INARC), National toxicology Program (NTP) or OSHA.

PHYSICAL DATA

BOILING POINT	Not applicable
VAPOR PRESSURE	Not applicable
VAPOR DENSITY	Not applicable
SPECIFIC GRAVITY (WATER=1)	1.75 +/- .25
% VOLATILE (BY VOLUME)	Not applicable
SOLUBILITY IN WATER	Insoluble
APPEARANCE AND ODOR	White or colored solid fiberglass reinforced component, no significant odor

Custom Pultrusion

FIRST AID MEASURES

INHALATION OF DUST	Remove from source of exposure into fresh air. Ensure clear airway. Get medical help.
PROLONGED SKIN CONTACT	Remove contaminated clothing, wash skin with warm water and soap, skin cream may be helpful. If the fiberglass becomes imbedded seek medical attention.
EYE CONTACT	Flush with running water for 15 minutes or more
INGESTION OF DUST	Do not induce vomiting. Get medical help.

FIRE AND EXPLOSION DATA

FLASH POINT	Not applicable
IGNITION TEMPERATURE	806° Fahrenheit without and ignition source, 788 F with an ignition source
EXTINGUISHING MEDIA	Water, CO ² , dry chemical such as NFPA Class A Fire extinguisher
FIRE FIGHTING PROCEDURES	Self-contained breathing apparatus for large scale or sustained fires should be used
UNUSUAL FIRE AND EXPLOSION HAZARDS:	In a large scale or sustained fire, product may decompose releasing carbon monoxide, carbon dioxides and various hydrocarbons.
NFPA HAZARD RATING (0, no hazard)	Health 0, Flammability 0, Reactivity 0. National Fire Protection Association (NFPA)

REACTIVITY DATA

STABILITY AND INCOMPATIBILITY	Stable. Hazardous polymerization will not occur. Avoid contact with hot or concentrated nitric and perchloric acid, fuming sulfuric acid or 98% sulfuric acid at over 140 degrees F.
HAZARDOUS DECOMPOSITION PRODUCTS	See information in Fire and explosion Data above

ENVIRONMENTAL INFORMATION

HANDLING AND STORING PRECAUTIONS	Store away from open flame.
MISCELLANEOUS	Do not eat or drink in fabrication areas
SPILL OR LEAK PROCEDURES	Not applicable – when moving product, gloves, steel-toed boots and protective eyewear is recommended.
WASTE DISPOSAL	Dispose of as solid waste in compliance with all applicable local, state and federal regulations.

PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION	Use adequate ventilation to control dust when machining, cutting, drilling, etc. You may wish to cover nose and mouth with mask approved by NIOSH (National Institute for Safety and Health) /OSHA if ventilation is insufficient.
EYE PROTECTION	Use goggles or safety glasses when machining, cutting, drilling, etc. Have eyewashes available.
SKIN PROTECTION	Wear protective gloves, long pants and long sleeves when machining, cutting, drilling, etc. or use barrier cream if long sleeves are impractical. Wash skin with soap and water after handling. Wash dusty work clothes separately.

The above is accurate to the best of our knowledge. However, since data, safety standards and government regulations are subject to change, and the condition for use or misuse are beyond our control, Tecton Products makes no warranty, either express or implied, about the completeness or continuing accuracy of the information contained herein, and disclaims all liability for reliance thereon. User should be satisfied that he/she has all current data relevant to his /her particular use.