

# Material Safety Data Sheet (MSDS)

Product Name : FORTA FRP Products

## Section 1 - PRODUCT AND COMPANY IDENTIFICATION

**Product Name** : FORTA FRP Products

**Manufacturer Name** : Forta Construction Company 400 Commonwealth Avenue Bristol, VA 24210  
Emergency Telephone No.: 276-645-8000  
24 Hour Emergency Telephone Numbers Chemtrec (US transportation):  
(800) 424-9300 Canutec (Canadian Transportation): (613) 996-6666  
Poison Control Center (Medical): (877) 800-5553

## Section 2 - HAZARDS IDENTIFICATION

As manufactured, this product is considered non-hazardous.

**CLASSIFICATION:** This product meets the definition of "article" under 29CFR1910-1200(c): a manufactured item (i) which is formed to a specific shape or design during its manufacture; (ii) which has end function(s) dependent in whole or part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities of hazardous chemicals, and does not pose a physical hazard or health risk. If you do not process this product in a manner that will create sufficient quantities of combustible dust to create a hazard, this SDS may not apply.

### GHS LABEL:

**HAZARD STATEMENT:** Product may form combustible dust and particulate matter during drilling, grinding, cutting, or sanding operations. Refer to NFPA 654 for guidance on prevention of fire and dust explosions.

**H317:** MAY CAUSE AN ALLERGIC SKIN REACTION

**H320:** MAY CAUSE EYE IRRITATION  
PRECAUTIONARY STATEMENTS:

**P261:** AVOID BREATHING DUST/FUME/GAS/MIST/VAPORS/SPRAY

**P280:** WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/ EYE PROTECTION/FACE PROTECTION  
POTENTIAL ACUTE HEALTH EFFECTS:

**INHALATION:** Nuisance dust from machining may cause respiratory tract irritation.

**EYES:** Nuisance dust from machining may cause eye irritation.

**SKIN CONTACT:** No effects expected under normal use. Nuisance dust from machining may cause irritation.

**INGESTION:** Unlikely under normal use.

## Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Fiber reinforced polymer (FRP) products are composed of a mixture of resin, inorganic fillers, pigments, processing additives, and fiberglass reinforcement. During the manufacturing process, the mixture is cured and hardened into a solid, stable material that is non-hazardous when handled properly and in accordance with good industrial hygiene practices.



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## Section 4 - FIRST AID MEASURES

Not expected to present a significant health hazard under normal, anticipated use. Dust particles from processing may cause irritation.

**EYES:** Do not rub eyes. While holding the eyelid(s) open, flush with lukewarm, gently flowing water for 5 minutes or until the particle/dust is removed. Obtain medical attention if needed.

**SKIN:** Wash with soap and water.

**INGESTION:** Ingestion is unlikely with normal use.

**INHALATION:** If exposed to excessive levels of dust, remove to fresh air and get medical attention if cough or other symptoms develop.

## Section 5 - FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Dry chemical, carbon dioxide, or foam.

**EXPLOSION HAZARD:** Excessive dust buildup (from cutting, grinding or sanding) has the potential to combust.

**FIRE FIGHTING PROCEDURES:** During a fire, irritating and/or toxic smoke may be generated. Wear full firefighting gear with proper respiratory protection (SCBA).

## Section 6 - ACCIDENTAL RELEASE MEASURES

**ENVIRONMENTAL PRECAUTIONS:** Avoid dust generation during processing. Dust should not be allowed to accumulate and may form an explosive mixture in excessive concentrations.

## Section 7 - HANDLING AND STORAGE

**GENERAL PROCEDURES:** Avoid contact with eyes, skin, and clothing. Wear proper gloves when handling.

**HANDLING:** Refer to NFPA 654 for additional guidance on safe handling of combustible dusts.

## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Component OSHA PELs (Permissible Exposure Limits for the workplace) ACGIH TLV's (Threshold Limit Values) Particulate dust TWA: 15.0 mg/m<sup>3</sup> (total dust) TWA: 5.0 mg/m<sup>3</sup> (inhalable fraction) Particulate dust TWA: 5.0 mg/m<sup>3</sup> (respirable fraction) TWA: 1 fiber/cm<sup>3</sup> (respirable fraction)

**GENERAL PROTECTIVE MEASURES:** Do not inhale dust.

**EYE/FACE PROTECTION:** Wear safety goggles when processing, cutting, grinding, etc.

**PROTECTIVE CLOTHING:** Wear protective clothing to minimize the potential for skin contact with dust. Irritation may occur from exposure to dust.

**RESPIRATORY PROTECTION:** If respirable fibers/dust are generated, use HEPA respiratory protection. Dust may cause irritation of mucus membranes and respiratory tract.



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## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Solid

**Odor:** Mild, Characteristic Odor

**Color:** Various

**Solubility in Water:** Insoluble

## Section 10 - STABILITY AND REACTIVITY

**Stable:** Yes, under normal operations.

**Conditions to Avoid:** Flames with combustible dust.

**Hazardous Decomposition Products:** May form carbon dioxide, carbon monoxide, and toxic fumes when burned.

## Section 11 - TOXICOLOGICAL INFORMATION

No toxicological data is available for this product.

## Section 12 - ECOLOGICAL INFORMATION

No ecological data is available for this product.

## Section 13 - DISPOSAL CONSIDERATIONS

As supplied, this product is not hazardous. Dispose of in industrially approved landfills. Consult federal, state, and local regulations for proper disposal.

## Section 14 - TRANSPORT INFORMATION

This product is not regulated as dangerous or hazardous goods for shipping.

**SHIPPING SYMBOLS/PLACARDS:** N/A



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## Section 15 - REGULATORY INFORMATION

This product is not regulated as dangerous or hazardous goods for shipping.

**SHIPPING SYMBOLS/PLACARDS:** N/A

HMIS RATING	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

## NFPA CODES



**U.S. EPA CERCLA:** NA

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**311/312 HAZARD CATEGORY:** NA

**RCRA STATUS:** This product, if discarded as a solid, is not a federal RCRA hazardous waste. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations.

**CALIFORNIA PROPOSITION 65:** Raw materials used during the manufacture of these products contain chemicals listed under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Prop 65) as either a carcinogen or a reproductive toxicant.

## Section 16 - OTHER INFORMATION

**PREPARED BY:** STRONGWELL EHS Department

**Date Updated:** March 3, 2017

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