



SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product Name: Fiberglass Reinforced Polymer (FRP) Composite Crossarm

Intended Use: Structural support of utility power lines

COMPANY IDENTIFICATION

Supplier: Hubbell Power Systems
210 North Allen Street
Centralia, Missouri U.S.A.

Phone Number: (573) 682-8465
24 Hour Emergency (INFOTRAC): (800) 535-5053 (*US and Canada*)
(352) 323-3500 (*International*)

SECTION 2 HAZARDS IDENTIFICATION

As manufactured, this product is considered non-hazardous. Product may form combustible dust and particulate matter during drilling, grinding, cutting, or sanding operations

CLASSIFICATION

Health	Environmental	Physical
No Classifiable Hazards	No Classifiable Hazards	No Classifiable Hazards

LABELING

Symbols:



Signal Word: Warning

Hazard Statements	Precautionary Statements
H317: May cause an allergic skin reaction H320: May cause eye irritation	P261: Avoid breathing dust/fume/gas/mist/vapors/spray P280: Wear protective gloves/protective clothing/ eye protection/face protection

Other Information:

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

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.



SECTION 4 FIRST AID MEASURES

DESCRIPTION OF NECESSARY FIRST AID MEASURES:

- Inhalation:** If exposed to excessive levels of dust, remove to fresh air and get medical attention if cough or other symptoms develop.
- Skin Contact:** Wash with soap and water
- Eye Contact:** 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.
- Ingestion:** Unlikely under normal use

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

- 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

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

See toxicological information (Section 11)

SECTION 5 FIRE FIGHTING MEASURES

- Flammability:** Excessive dust buildup (from cutting, grinding or sanding) has the potential to combust.
- Extinguishing Media:** Dry chemical, carbon dioxide, or foam.
- 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.
- Other Information:** The product as manufactured is non-hazardous. In areas where drilling, cutting, sanding or grinding occurs on this product, care should be taken to clean up the dust. Dust should not be allowed to accumulate and may form an explosive mixture in excessive airborne concentrations.

SECTION 7 HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

- General Procedures:** Avoid contact with eyes, skin, and clothing. Wear proper gloves when handling
- Handling Procedures:** Refer to NFPA 654 for additional guidance on safe handling of combustible dusts

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

Ingredient	OSHA PELs (for the workplace)	ACGIH TLV
Particulate dust	TWA: 15.0 mg/m ³ (total dust) TWA: 5.0 mg/m ³ (respirable fraction)	TWA: 5.0 mg/m ³ (inhalable fraction) TWA: 1 fiber/cm ³ (respirable fraction)

General Protective Measures: Do not inhale dust.

INDIVIDUAL PROTECTION MEASURES

- Eye/Face Protection:** Wear safety goggles when processing, cutting, grinding, etc.
- Hand Protection:** Wear a good grade of heavy work gloves
- Skin and Body Protection:** 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.

SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

Physical State: Solid
Odor: Mild, Characteristic Odor
Color: Various
Solubility in Water: Insoluble

SECTION 10 STABILITY AND REACTIVITY

Stability: Stable 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

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

SECTION 14 TRANSPORTATION

Regulatory Information	UN Number	Proper Shipping Name	Transport Hazard Class	Hazard labels	Packing Group
DOT	Not regulated by DOT				
TDG	Not regulated by TDG				

SECTION 15 REGULATORY INFORMATION

U.S. EPA CERCLA: Not applicable

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORY: Not applicable

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

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS):

Health – 1

Flammability - 0

Physical Hazard – 0

Personal Protection - B

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NATIONAL FIRE PROTECTION ASSOCIATION (NFPA):

Health - 1

Flammability - 0

Reactivity – 0

Caution: HMIS® and NFPA ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks.

Key to Abbreviations:

ATE: Acute Toxicity Estimate
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
IATA: International Air Transport Association
IBC: Intermediate Bulk Container
IMDG: International Maritime Dangerous Code
UN: United Nations
TDG: Transportation of Dangerous Goods
DOT: Department of Transportation

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