

# **Safety Data Sheet**

## **Section 1 – Materials and Company Identification**

Common Name: 1/2" Fiberglass Dowel Pin

Chemical Name: Fiberglass Polyester Composite

Formula: Fiberglass (Silica Base) and Cured Polyester Resin

Chemical Family: Polyester Composite

Manufacturer's Name: Alanda International., Xinchuiyuan 4-4-402, 16 Huaqing S Rd, Shijiazhuang, Hebei, China

Telephone # and Emergency #: +86-134-7217-0661

## **Section 2 – Hazardous Ingredients**

Hazard Statement: As manufactured, this product is considered non-hazardous. Product will form dust and particulate matter when drilling, grinding, cutting or sanding. Dust is combustible.

Precautionary Statements:

P261: Avoid Breathing Dust/Fume/Gas/Mist/Vapors/Spray

P280: Wear Protective Glove/Protective Clothing/Eye Protection/Face

Protection

Acute Health Effects:

Inhalation: Nuisance dust from machining may cause respiratory tract irritation.

Eyes: Nuisance dust from machining may cause eye irritation.

Skin Contact: Nuisance dust from machining may cause skin irritation.

Ingestion: Unlikely under normal use.

## **Section 3 – Material Composition and Information on Ingredients**

Fiberglass Polyester Composite 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.

## **Section 4 – First Aid Measures**

Eye Contact: Do not rub eyes. Flush with water or eye rinse until dust is removed.

Inhalation: Remove from dust to fresh air and get medical attention if cough or other symptoms develop.

Skin Contact: Wash with soap and water.

Ingestion: Ingestion is unlikely with normal use.

If condition persists, get appropriate in-plant medical support or consult physician.

### 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

The product as manufactured is non-hazardous. In areas where drilling, grinding, cutting or sanding occurs on this product, care should be taken to clean up dust. Dust should not be allowed to accumulate and may form an explosive mixture in excessive concentrations.

### Section 7 – Handling and Storage

Minimize dust generation and accumulation through routine housekeeping to ensure that dusts do not accumulate on surfaces.

Protective gloves are recommended for handling material comfortably. Long sleeved shirts and pants minimize exposure to nuisance dust.

### 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

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling point – N.A.

Percent volatile by volume – N.A.

Solubility in water – Not soluble

Appearance & Color – Round rod

Vapor density – N.A.

Reactivity in water – None

Evaporation rate – N.A.

Specific Gravity – 1.90

Flash Point – N.A.

Extinguisher Media – CO<sub>2</sub> Dry Chemical

Special Fire Fighting Procedure – Wear positive pressure self-contained breathing apparatus.

Unusual fire & explosion hazards – None

## SECTION 10 – STABILITY AND REACTIVITY

Stability: Product is stable.

Polymerization: Hazardous polymerization will not occur.

Conditions to avoid: Extreme heat, sources of ignition and flames.

Incompatibilities: Do not store with strong oxidizing agents.

Hazardous decomposition products: Heavy Smoke, CO, CO<sub>2</sub>, and irritating or toxic vapors and gases.

## Section 11 – Toxicological Information

No toxicological test data is available for this product

## Section 12 – Ecological Information

No ecotoxicity test data is available for this product. This product is not expected to present a hazard to aquatic and terrestrial environments.

## 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.

DOT Transportation Data (49 CFR 172.101):

Shipping Name: Not Regulated

Shipping Symbols: N/A

Hazard Class: Not Hazardous

ID No.: N/A

Packing Group: Not Determined

Label: Not Required

Special Provisions (172.102): None

#### Section 15 – Regulatory Information

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

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