

**FIRE-POOF™**  
**PRODUCT DATA SHEET**  
**INTERIOR FLAME RETARDANT**  
**FOR FABRIC, WOOD, CARDBOARD, PAPER**  
**and OTHER DECORATIVE MATERIALS**



**FABRIC PRODUCT DESCRIPTION:** Fire-Poof™ is an interior non-hazardous, water-based flame retardant for most textile fibers, raw wood and OEM uses. Fire-Poof™ is easy to use and has no smell; one product for most fibers. No need to buy more than one product.

**TECHNICAL DATA:**

Weight - 5-gallon pail is 50 lbs (ready to use), ph=6.5-7. Available in all quantities.  
May need up to 24 hrs. to cure depending upon fiber characteristics.  
Appearance - appearance of water.  
Store between 40° and 100°F. Shelf life, 5 years if unopened. Keep container closed at all times.  
Fire-Poof is water-soluble. Do not allow treated surface to come in contact with liquid.  
Do not add water or change chemical composition in any way. Always make sure cap stays on container.  
Do not expose to heat above 300° f. after application.  
Certification requires application by a CA State Certified Applicator to meet requirements of the CA State Fire Marshal.  
Water based product, do not allow product to come in contact with any metal surfaces.

**COMMERCIAL APPLICATION APPROVALS:**

**Wood** Approvals: Class A / Class 1 ASTM E-84 on Plywood and Luan, Class B / Class 2 on Birch. CA Title 19 1236.4, NFPA 255, UL 723, UBC 42-1  
**Fabric** Approvals: NFPA 701 & CA Title 19 1237.1, No. C-26501, NYC COA #5687, CAN/ULC-S109-03, CAN/ULC-S109-14, Small and Large Scale, FAA 25.853, NFPA 260, BFD 1X-1, ASTM E84, CA 117, UFAC, Class 1. BS 5867 Part B. Please inquire about detailed fiber testing.

**READY TO USE APPLICATION INSTRUCTIONS ARE LISTED BELOW**

Users of this product must determine the suitability of this product for its intended use. Do not use an airless sprayer as the pressure can atomize the product, which can prevent proper performance. Recommend wear of chemical resistant gloves, goggles and N95 mask for protection. Fire-Poof is ready to use. Pre-vacuuming or cleaning may be needed prior to application. Test for dye stability in inconspicuous area. Some unstable dyes, especially reds are prone to bleeding. We are not responsible for any aesthetic changes that may occur. Apply to clean surface free of dust and dirt with a, "Hudson" type orchard sprayer with a fan spray tip at 40-100 PSI. Spray all exposed surfaces. Other coatings, glue, etc. can increase flame spread and must be tested as a system.

**For Fabric:** 200-800 square feet per gallon depending on the fiber content and density of the item being treated. All surfaces must be free of dirt or coatings. Testing results by a trained professional will determine chemical amount and cure time if needed. May need to be applied to both sides of the textile to ensure all areas are treated with Fire-Poof™. Not effective on 100% nylon, acetate, acrylic, plastic, metal or surfaces with water, glue or stain / water repellent. Sizing, oil and dirt can also prevent absorption. May be effective over scenic paint but must be tested by a certified laboratory for use with specific paint being used.

**For Wood:** All wood must be free from coatings such as paint, sealant or dirt. Apply 150 square feet per gallon to raw wood to achieve Class A or Class 1 rating on plywood or 250 sq. ft./gal. for Class B or Class 2 rating. 125 Sq. Ft. /gal. to achieve Class A or Class 1 rating on Luan, 150 Sq. Ft. per Gallon on Birch to achieve a Class B or Class 2 rating.

**Cardboard & Paper:** Apply to all sides at approx. 195 square feet per gallon. Thicker cardboard may need to be submerged for Fire-Poof to penetrate all sides and middle of cardboard. Length of dipping or spray time may vary depending upon thickness of cardboard/paper to determine absorption effectiveness and desired strength.

**Other material:** may also need to be submerged until positive results have been achieved. Length of time may vary depending upon substrate saturation capabilities.

**CLEAN-UP:**

Flush sprayer and tips with warm water and wash hands with soap and water.

**CAUTION:**

Keep out of reach of children. Do not ingest. Call physician if swallowed. Clean with soap and water all contacted areas. Flush eyes with chemical eye wash or flush eyes with cool water for at least 15 minutes. Cotton undergarments must be worn under treated clothing as a protective layer between skin and treated fabric. If irritation persists, seek advice of a Physician.

**WARRANTY AND DISCLAIMER:**

Use only as directed. Sellers and Mfrs. only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of or inability to use the product. The user assumes all risk and liability whatsoever in connection therewith. Any statement or recommendation not contained herein shall have no force or effect unless contained in an agreement signed by officers of seller and manufacturer. Deterioration of coatings can occur due to cleaning, atmospheric and other conditions. Fire Retardants shall possess the desired degree of permanency and shall be maintained to retain the effectiveness of the treatment under the service conditions encountered in actual use. Periodic testing by a trained official should be performed to insure flame-retardant effectiveness.