

## **FIRE-POOF™ FLAME RETARDANT**

### ***IMPORTANT INFORMATION***

### ***FOR SOFT-GOODS***

**FIRE-POOF™ **MAY NOT BE** EFFECTIVE WITH THE FOLLOWING SURFACES**  
(additional testing may be needed)

- PAINTED
  - ACETATE
  - PLASTIC
  - SOME ACRYLICS
  - ON TOP OF SURFACES WITH WATER OR STAIN REPELLANT. BUT FLAME-RETARDANT MAY WORK WELL WITH STAIN OR WATER REPELLANT ON TOP OF THE FABRIC.
  - STARCH OR SIZING, (may resist or cause the Fire-Poof™ to perform inconsistently)
  - TEXTILES WITH MORE THAN 10% SPANDEX OR LYCRA
  - EXTERIOR OR UV PAINTED SURFACES SUCH AS UV SILK SCREENED INKS.
- NYLON
  - GLUE
  - METAL



- ◆ A cure time may be required for Fire-Poof™ to work. Usually no more than 24 hours, although most of the time, it will be effective upon drying.
- ◆ Do not use an airless paint sprayer or cup sprayer because its pressure is over 100 psi and may atomize the Fire-Poof™, thus; causing the flame-retardant to not penetrate the surface.
- ◆ Apply at 40-100 psi using a "Hudson" type sprayer.
- ◆ All items must be thoroughly dry before folding or rolling for storage or mold can develop.
- ◆ Do not put treated material in a plastic bag if damp or it can cause white residue or chalkiness. Flame Retardant can crystallize if not completely dry.
- ◆ Can cause fabric to shrink. Shrinkage can occur at different rates depending upon the fiber content of thread and fabric. If not careful, puckering can occur due to the different shrinkage rates of fabric vs. thread.
- ◆ Testing should be performed to all fabrics prior to application to verify chemical amount needed, cure time and flame-retardancy. Wet on all sides, but not dripping usually works best. Field testing should be performed by a trained, professional.
- ◆ NFPA 705 Field Flame Testing should be periodically performed by a trained professional to ensure compliance of flame-retardancy. Refer to [www.nfpa.org/705](http://www.nfpa.org/705)
- ◆ It is the owner's responsibility to maintain the flame-retardancy of the material. Cleaning and re-treatment schedule is recommended. Check with your Fire Authority who can recommend how often to re-treat the surface. Dry cleaning is preferred as the Fire-Poof™ is water soluble. Re-treatment is recommended if the fabric comes in contact with enough liquid to dilute the flame retarding properties; or if the fabric gets dirty.
- ◆ All chemical safety requirements must be followed when applying Fire-Poof™. Chemical goggles, N95 mask and gloves should be worn when handling all chemicals.
- ◆ If Fire-Poof™ comes in contact with the skin and an open sore exists, it may sting; thoroughly wash and dry hands and do not repeat contact.
- ◆ Due to different body chemistries, Firetect cannot guarantee against any physical reactions, although, oral and dermal testing has been performed and is shown to be safe to use.
- ◆ All California Flame-Retardants Application Certificates can only be provided by a Licensed California Certified Applicator.
- ◆ Fire-Poof™ is water based and may rust metal surfaces. Do not allow Fire-Poof to come in contact with metals.
- ◆ Fire-Poof™ is water soluble and can wash away upon contact with liquids.

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