

RESPIRATORY PROTECTION: If you are using a formulation consisting of Flame-Shield, water, and/or *Fabric-Soft, no respiratory protection is necessary. It is recommended however that you avoid skin contact, eye contact, and that you do not ingest or purposely concentrate and inhale Flame-Shield. These precautions are prudent even though the components of FLAME-SHIELD are considered non-toxic and hypo-allergenic.

* See FABRIC-SOFT information contained herein.

SPRAYING FLAME-SHIELD ON FABRICS:

1. Place Flame-Shield formulation in sprayer.
2. If using a pump sprayer bring pressure up to 40 psi.
3. If using an electric sprayer turn power source on.
4. Spray in even and slightly overlapping strokes.
5. Saturate fabric but DO NOT make it dripping wet.
6. Allow fabric to completely dry before packing and shipping.

CERTIFICATES: The applicator may be requested to provide a certificate stating that the application passes a certain code. This certificate is normally provided by the applicator, in writing.

Currently there are several certificates which are normally requested. They are as follows:

- ▶ **New York City:** Flame-Shield has been approved by the government of the City of New York through the Bureau of Standards and Appeals under Calendar Number 141-89-SM. All certificates **must specify Flame-Shield by name and show the above calendar number.**
- ▶ **Boston:** The City of Boston of the Commonwealth of Massachusetts requires that all specimens be submitted to their laboratory for testing under its fire code. Currently a ten dollar fee is required for each sample submitted. Samples should be submitted to:
Boston Fire Prevention/ 115 South Hampton Street/Boston, MA 02118/ (617) 725-3620
- ▶ **ASTM-E-84:** This is a complex and expensive test (price range from \$500 - \$3500). For a list of qualified laboratories call us. Your customer **must** bear the cost of such testing.
- ▶ **NFPA-701:** (small scale) - This is very similar to the requirements of the City of New York and is considered one of, if not the toughest fire codes in this country. The applicator's testing procedure described elsewhere in this manual is similar to this test. Flame-Shield is geared to pass this test with proper application. It should be noted that there are several other tests, including the FAA, Port Authority of NY, etc. which Flame-Shield has passed. 100% Nylon treated with FLAME-SHIELD will not pass NFPA-701 but will pass ASTM-E84.