

## **TESTING M-111 FLAME RETARDANT TREATMENT**

It is critically important to know that your fire retardant treatment is properly done. The following simple "field" tests should be performed on each type of material that you are treating.

1. Either obtain a small sample of the material from stock or remove a small piece (2in x 3in will do) from an inconspicuous location such as the inside of hemlines of drapes, underside of seats etc., and apply Flamecheck by spraying in a normal manner.
2. Dry the sample (an ordinary hair dryer will speed up the process) and try to light/burn it by holding the flame of cigarette lighter or match against the lower edge of the treated material and hold in a vertical position for 10-12 seconds. If the treat material does not burn after the removal of the lighter or match, your treatment is effective.
3. If the treated sample continues to flame for 3 seconds or more after removing the lighter or match flame, you should re-spray the item as there is not yet sufficient chemical absorbed to flame retard the material.

## **COVERAGE**

One U.S. gallon of M-111 will flame retard an average of 360sq ft of material. Coverage vary from as much as 550 sq ft on lightweight fabrics to as little as 200 sq ft on high-pile carpet.

## **HELPFUL HINTS**

Always allow treated materials to dry before use. This could take from 6 to 24 hours depending on air circulation, humidity and temperature. To accelerate drying, operate the air conditioner or forced air heating system for 10-12 hours.

If spraying a mattress and you want to use it before it is dry, cover it temporarily with an inexpensive thin plastic "drop cloth", available at paint, hardware and discount stores. The next day, remove the plastic sheet and allow the mattress to dry.

Treat only the edges and undersides of box springs. Fire cannot reach the upper part of the box spring when the treated mattress is in place.

Loose carpets or throw rugs should be treated from both sides.

Be sure to clean any overspray from "slick" surfaces such as mirrors, finished wood products, metals etc, promptly after treatment. Use a wet cleaning cloth and then wipe dry.

We recommend the use of airless spray equipment. Clean with soap and water.