



Flamecheck M-111™



Flamecheck Simply Safer.

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DIRECTIONS FOR USE: Flamecheck M-111™ This is a universal flame retardant for fabrics, paper and wood. Flamecheck M-111 is a water based interior flame retardant that works on most fibers natural, synthetic and blends, it also works on wood, cardboard, paper or any absorbent material.

1. **Coverage:** One gallon of Flamecheck M-111™ will flameproof an average 360 sq.ft. of materials.
2. **Tools:** Airless spray gun with a fan nozzle of 5mm or 0.15" orifice is recommended. For larger areas of 500 sq.ft., or more an airless paint sprayer that operates out of a 5-gallon container is recommended. Flamecheck M-111™ may also be applied with a sponge or a paint roller with a high nap. You may use an ordinary hand operated trigger sprayer for small applications.
3. **Surface Preparations:** Be sure the material you are treating is clean and free of dust, grease and unsightly spots. Check that the fabric is color fast. To do this, wet the fabric in an area that cannot be seen with warm tap water and see if the colors run. If fabric is NOT color fast then apply 2 or 3 very light sprays, allowing each spray to dry before applying the next one.
4. **SPRAYING ANY CHEMICAL REQUIRES: RUBBER GLOVES, CHEMICAL GOGGLES AND A FACE MASK IS HIGHLY RECOMMENDED. Classified as non-toxic.**
5. **Remove** all electrical devices from area being treated – televisions, computers, stereo equipment etc. or cover with plastic drop cloth.
6. **Heating and Air Conditioning systems** and appliances in the area of spraying are to be shut off and remain inoperative until completion of spray application. Cover all air ducts, return air openings and appliance openings to prevent Flamecheck M-111™ from getting into the ducting or equipment. To prevent damage to hardwood floors, protect with heavy drop-cloth.
7. **Allow to dry**, which may take up to 24 hours depending on humidity and temperature. Do not expose treated materials to heat above 300°F after application.
8. **Certification requires** application by a Certified Applicator to comply with requirements of the CA State Fire Marshal.

TESTING TREATED MATERIALS

Once sprayed obtain a piece of treated fabric (2 inches by 4 inches will do) and dry with hair dryer. Try to light it by holding the flame of a gas cigarette lighter against the lower edge of the treated material held in a vertical position for 10 to 12 seconds. If the treated material does not continue to flame, drip fire or afterglow for two seconds or more after the removal of the flame your treatment is effective.

IF TREATED SAMPLE FAILS TEST, ONCE DRY, RESPRAY THE ITEM TO ALLOW SUFFICIENT CHEMICAL TO BE ABSORBED INTO THE FABRIC, THEN RETEST.

WARNING: Eye, Skin, and Lung Irritant. DO NOT INGEST

In case of eye contact; flush with running water for minimum of 15 minutes. If irritation persists seek medical attention. **For skin contact;** wash area with soap and water, if irritation persists seek medical attention. **If inhaled;** move person to fresh air. If breathing stops, artificial respiration should be administered by someone trained in First-Aid. If swallowed, induce vomiting if directed by medical personal. Get medical attention. **NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON**

**FLAMECHECK M-111™ FIRE RETARDANT, when properly applied meets or exceeds the following test standards on a variety of materials:
ASTM E-84 and E-648; NFPA 701-705, 253, 255; UL 723; FAA25; 853B; UBC42-1; MVSS302; CA Title 19; NTB#44; BFD IX-1**