

# THE BEST INSURANCE IS PREVENTION

## FABRIC SAFE

Flame Safe FABRIC SAFE provides excellent fire and smoke protection throughout the interior of homes and businesses. The non-toxic, non-staining properties of FABRIC SAFE make it a natural for protecting interior furnishings such as:

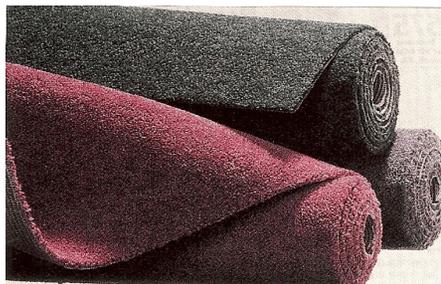
- carpet
- upholstered furniture
- bedding
- draperies
- cotton muslin
- Paper wall coverings

All it takes is a spark for your home to go up in flames. But now, you can protect your family, your home, and your investment - with Flame Safe FABRIC SAFE.

Flammable materials in homes may be fire retarded without altering their appearance. It's revolutionary! FABRIC SAFE actually creates a barrier to fire.

## FABRIC SAFE HAS MET THE TESTS

Flame Safe's FABRIC SAFE has been tested by Southwest Research Institute and exceeds the FAR 25.853 A & B (ignition resistance of aircraft interior materials), the Boston, NFPA 701, New York-New Jersey Port Authority, and the Cal Tech 117-F requirements for extinguishing time, char length, drip-sec, and AFGL-sec. In addition, FABRIC SAFE treated cotton exceeds the stringent standard set forth with section 1237.1, Titlw 19 Public Safety Code regulations from California. Also, FABRIC SAFE has been tested and approved as a fire retardant for mattress ticking and padding under Federal Standard 16 CFR (FF4-72).



## QUICK AND EASY APPLICATION

Very little material preparation is required before using Flame Safe FABRIC SAFE. Surfaces should be clean and dry.

FABRIC SAFE should be applied in its undiluted state at the rate of one gallon per 300-500 square feet depending on the weight of the material being treated. Apply FABRIC SAFE with a low pressure mist sprayer held 6"-8" from surface being treated. Treat the surface until damp. (Do not saturate, the chemical will easily penetrate.) Allow surface to dry before use.

It is recommended that all materials should be tested for color fastness and shrinkage before application.

Apply FABRIC SAFE to both sides of textiles/Papers where possible.



## FABRIC SAFE TECHNICAL DATA (Interior)

**Product Description:** Aqueous Based Resin

### Product Analysis:

Total Solids	18%
Weight per gallon	9.10 lbs.
Specific gravity	1.100
PH	6.4
Flash point	Non-flammable
Color	Water clear at 78°F - slight haze @ 50°F and lower
Volatility	Non-volatile
Solvents	Water (contains no petroleum or derivatives of petroleum).
Bacterial	Mildly resistant
Anti-Fungus	Excellent resistance
Linear shrinkage	None
Moisture absorption	None
Corrosive	Negligible
Toxic	None
Insects, rodents, aspergilli and other types of molds	Excellent resistance
Termites	Excellent resistance
Not harmful to plants	

## ENVIRONMENTALLY SAFE

Since Flame Safe FABRIC SAFE is not an oil or solvent-based chemical, it is non-toxic as a liquid and remains that way -- even after application of heat.



## HOW FLAME SAFE WORKS

Three components are necessary for fire: fuel, oxygen, and a source of ignition. Although you need to eliminate only one of these three components to extinguish a fire, FLAME SAFE products produce outstanding results by eliminating two of these components.

FLAME SAFE treated products automatically react with fire or heat to convert combustible gases and tars to non-combustible carbon char, nitrogen, and carbon dioxide. This chemical reaction substantially increases carbon char and creates an intumescent action, causing the surface to bubble-up and thereby creating a barrier between the fire and the treated material. The nitrogen produced as a by-product of the bubbling-up action displaces the oxygen, thus smothering the fire. The intumescent action separates the fuel from the source of ignition. This "double protection" is one reason only FLAME SAFE products are authorized to bear the FIREBUSTERS trademark.

FLAME SAFE treated materials produce significantly less smoke when exposed to fire. In many cases, smoke generation has been reduced by more than 50%, which is very important since smoke inhalation causes more deaths than fire.



**SAVES LIVES & PROPERTY**

You saw it demonstrated on national television. The Consumer Product Safety Commission's statistics show that blazes started on upholstered furniture were the leading cause of residential fire deaths. The National Association of State Fire Marshals recommend that upholstered furniture be rendered fire resistant by the use of fire retardants.

**FIGHT THE DANGER OF FIRE  
IN YOUR HOME**



**SOME VALUABLES CANNOT BE REPLACED!**

**UP IN FLAMES...OR**

  
**FABRIC**  
**SAFE**

**FLAME SAFE CHEMICAL CORPORATION**  
2653 Warfield Avenue  
Fort Worth, Texas 76106 U. S. A.  
Phone: (817) 740-9197  
FAX: (817) 740-9199  
website: [www.flame-safe.com](http://www.flame-safe.com)

**FABRIC SAFE**

  
**FLAME**  
**SAFE**

**THE  
MOST EFFECTIVE  
FIRE RETARDANTS  
AVAILABLE**