



ForceField® FireGuard™

Flame Retardant for Fabric & Upholstery



OVERVIEW

FireGuard™ is a revolutionary, water-based, flame-retardant treatment that can be easily and safely applied to clothing, draperies, furniture, carpets, rugs, and/or numerous other surface treatments. This product has been successfully tested in accordance with and meets the standards established by National Fire Protection Association Test Method NFPA 701 and Test STD ASTM D4850.

HOW & WHY FIREGUARD™ WORKS

The key to **FireGuard's™** ability to retard flames is its organic ammonium salt formulation. When exposed to flames or intense heat, an acidic catalysis occurs resulting in the formation of an inert gas that blankets the surface. Because of this blanket, there is no oxygen available at the surface and flames cannot form.

APPLICATIONS

FireGuard™ should only be used on water-safe fabrics and surfaces. If uncertainty exists, always test for suitability by applying the product to a small inconspicuous area of the item and wiping with a white cloth.

For best results, apply to clean, dry surfaces. **FireGuard™** can be applied either by spraying or dipping. When sprayed, it should be applied at a rate of 200 to 500 square feet per gallon of **FireGuard™**, depending upon the texture of the surface being treated. More absorbent surfaces will require heavier coverage. Cleaning or laundering treated surfaces may remove or dilute the treatment. To assure that items remain flame retardant, **FireGuard™** should be reapplied after cleaning.

Over-spray or spills can be easily cleaned with gentle detergent and water.

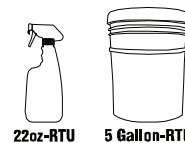
**TEST STD: NFPA 701
CALFIRE 1237.1
ASTM D4850**

**California Flame Retardant
Registration C-25401**

- **Effectively Retards Flames**
- **Safe to Use – Nonhazardous Formula**
- **Environmentally Friendly**
- **Perfect For Water-Safe Fabrics**
- **Easy to Apply**
- **For Use in Home, Office, Boat, or Auto**



AVAILABLE IN THE FOLLOWING SIZES



HMIS Health: 0 Fire: 0 Reactivity: 0

pH: 7.0 to 8.0

Solubility: Completely Water Soluble

Boiling Point: 100°C

Storage: Above 0°C, Well-ventilated

Regulatory: Not Regulated

Appearance: Water Clear Liquid

Odor: Mild

Specific Gravity: 1.08 +/- 0.02 (8.98 lbs/gal)

Chemical Family: Organic Ammonium Salt

Caution: Keep out of the reach of children.