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Model Number: 84713001453

Chemspec Prorestore 342502000-1 Unsmoke Unflame Gallon (Un-Flame Retardant) UPC 84713001453 120040

Manufacturer: Chemspec

Chemspec Prorestore 342502000 Unsmoke Unflame Gallon (Un-Flame Retardant) 120040

## Product description

Quick Overview: Un-flame&reg; is a clear water-based liquid which renders suitable materials flame proof. Un-flame&reg; reduces oxidation and produces a thin layer of char which stops flame spread, further combustion and actually extinguishes the fire. Un-flame protection withstands dry-cleaning. Un-flame&reg; meets NFPA-701, Steiner A.S.T.M.-E84-80 Tunnel Test and F.A.A. Horizontal and Vertical Test. Application: Apply with either pressure sprayer, cold fogger, or airless paint sprayer using controlled spray. Thoroughly saturate material to be treated. One gallon will cover approximately 500 square feet..

Chemspec Un-Flame is a water-based, odorless and easy-to-apply treatment that makes suitable materials flameproof - it really works! You can use it on mattresses, draperies, pillows, curtains, upholstery, carpets, clothing and almost any other article made of cotton, silk, canvas, linen, burlap, rayon or cellulose. You can apply Unsmoke Un-Flame using standard spray equipment. Un-Flame will not alter fabric when applied according to label directions. Note that overuse may result in a visible white residue, but generally it will not adversely affect the appearance, hand (feel) or breathability of any material properly treated. Un-Flame typically will not cause shrinkage, nor will it alter the shade or light-fastness of textile or paper dyes. However, it's a good practice to always test target materials first in inconspicuous areas for adverse effects. How it works Un-Flame is best used on natural fibers because they are often most susceptible to ignition in homes. Natural fibers readily absorb Un-Flame's water-based formulation, making them ideal candidates for treatment. When materials treated with Un-Flame are exposed to fire, the treatment reduces the rate of oxidation (i.e., the rate of burning) by producing a thin layer of char. This char stops flame spread and prevents further combustion. Eventually the char extinguishes the fire. Watch this short video that tests the burn rate and flame spread of paper towel - one treated with Un-Flame and one not.

Unsmoke Un-Flame&trade;

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Easy to apply flame retardant provides long-lasting protection.

A clear, odorless, water-based liquid protectant, Un-Flame renders suitable materials flameproof. Un-Flame inhibits oxidation and produces a thin layer or char which stops flame spread and further combustion and actually extinguishes the fire.

Material with Un-Flame becomes flame resistant when thoroughly dry. The more thoroughly Un-Flame is applied the greater the fire resistance. Flame resistance is established once the treated material is completely dry. Un-Flame meets NFPA-701, Steiner A.S.T.M.-E84-80 Tunnel Test and the F.A.A. Horizontal and Vertical Test.

## Specifications

Sold in gallons

one gallon (3.8L) bottles

Flash Point

> 200°F (93.3°C)

Appearance

Colorless liquid

pH

6.4

Specific gravity

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1.07

## Use Instructions

Mixing: Do not dilute. Use full strength.

Application: Apply with a pressure sprayer, cold fogger, or airless paint sprayer. Thoroughly saturate material to be treated. One gallon will cover approximately 500 square feet. See label for additional instructions.

Un-Flame protection is not removed by dry cleaning, but should be reapplied after wet cleaning to insure continued flame resistance.

## Related Documentation

Unsmoke Un-Flame User Guide  
Unsmoke Un-Flame Fire Dept. of New York Cert. of Approval  
Unsmoke Un-Flame (L.13058\_B) GHS Label  
Unsmoke Un-Flame (9-06-2017) SDS US/CA English  
Unsmoke Un-Flame (9-06-2017) SDS US/CA French  
Unsmoke Un-Flame Product Image  
Unsmoke Un-Flame Product Spec Sheet

Compare to current or past OEM associations:  
UPC 84713001453  
342502000  
342502000-1  
US-UF-01  
B01M0JJUET  
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*Availability: This product was added to our catalog on Thursday 27 August, 2009*

Steambrite Supply