

# THE BEST INSURANCE IS PREVENTION



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

It's revolutionary! WOOD SAFE actually creates a barrier to fire.

WOOD SAFE has been tested by Southwest Research Institute and Underwriters Laboratories. It is classified as a Class B fire retardant coating that meets or exceeds the UL 723, ASTM E-84 and NFPA 255 standards for surface burning characteristics of applied coatings.

## THE FLAME SAFE ADVANTAGE

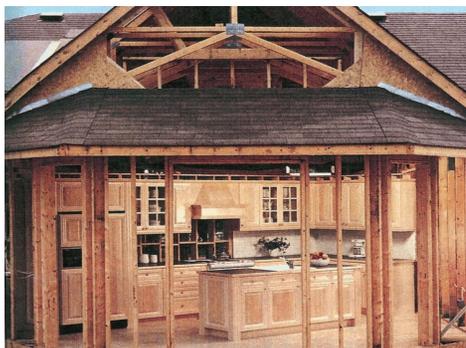
Flame Safe Wood Safe has many advantages for the user. Some of the most important are listed below:

- \* Quick and easy application.
- \* Water based.                      \* Odorless.
- \* Colorless.                              \* Non-toxic.
- \* Contains no asbestos.
- \* Adds no appreciable weight.
- \* Requires no special cutting tools.
- \* Fungus inhibitor.
- \* Reduces smoke generation.
- \* Resistant to insects, rodents and certain molds.
- \* Will not harm plants or animals.
- \* Termite resistant.

## QUICK AND EASY APPLICATION

Very little material preparation is required before using Flame Safe Wood Safe. Surfaces to be treated should be dry and cleaned. Wood Safe requires a 24-hour curing time before applying any overcoating for interior applications. Wood Safe should not be applied on exterior surfaces within 24 hours after a rain or 4 hours after a dew.

Wood Safe should be applied in its undiluted state. Apply three (3) coats at 330 square feet per coat with the final coverage rate of 110 square feet per gallon to unfinished wood. Substrates are normally saturated when the sprayed solution fills the pores and runs off. Apply Wood Safe with a conventional or airless sprayer. Structures under construction can be effectively made fire safe. As soon as the surface is enclosed, spray all exposed interior surfaces such as studs, trusses, subfloor, joists and outside walls. If coating is intended, Wood Safe is an excellent surface primer for use under latex paints and allows a surface to be tinted with water based stains.



## PRESERVATIVE

Wood Safe has wood preserving advantages as well as its fire retardancy qualities. Materials treated with Wood Safe provides some immunity from insects, rodents and certain types of bacteria. Tests conducted on Wood Safe have shown that it protects against termite infestation and kills existing termites.

## ENVIRONMENTALLY SAFE

Since Flame Safe Wood 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.

## WOOD SAFE TECHNICAL DATA (Interior/Exterior Class B Rating)

**Product Description:** Aqueous Based Resin

### Product Analysis:

Total Solids	31.5%
Weight per gallon	9.40 lbs.
Specific gravity	1.104
PH	4.6-5.2
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	Mildly
Toxic	None
Insects, rodents, aspergilli and other types of molds	Excellent
	resistance
Termites	Excellent
	resistance
Preservative for wood	Good
Not harmful to plants	





**SAVES LIVES & PROPERTY**

You saw it demonstrated on TV's "That's Incredible"! Two wooden buildings, one treated inside and out with Flame Safe products, the other was not. Each of the buildings were doused with five gallons of gasoline and set on fire. The untreated building burned to the ground in minutes. The building treated with Flame Safe products did not burn down. The flaming gasoline scorched it, of course, but the flames did not spread. Once the gasoline burned itself out, the fire was out! THAT'S INCREDIBLE!

**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.

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



Why take chances ?

SOME VALUABLES CANNOT BE REPLACED!

**UP IN FLAMES... OR**



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**WOOD SAFE**



**THE MOST EFFECTIVE FIRE RETARDANTS AVAILABLE**