

# 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 Fire Poly 75-I.

It's revolutionary! Fire Poly 75-I actually creates a barrier to fire.

Fire Poly 75-I has been tested by Southwest Research Institute, Underwriters Laboratories and many other certified testing agencies. It is classified as a Class A 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 Fire Poly 75-I has many advantages for the user. Some of the most important are listed below:

- Quick and easy application.
- Water based. • 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.

\* Slightly toxic during application phase only

## QUICK AND EASY APPLICATION

Very little material preparation is required before using Flame Safe Fire Poly 75-I. Surfaces to be treated should be clean and dry. Fire Poly 75-I requires a 24-hour curing time before applying any overcoating for interior applications.

Fire Poly 75-I should be applied in its undiluted state. Apply three (3) coats at 500 square feet per coat per gallon with the final coverage rate of 166.3 square feet per gallon to unfinished wood. Apply Fire Poly 75-I with a conventional or airless sprayer, brush or roller. 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 interior of outside walls. If overcoating is intended, Fire Poly 75-I is a surface primer for use under latex paints and permits surfaces to be tinted with water based stains.



## PRESERVATIVE

Fire Poly 75-I has wood preserving advantages as well as its fire retardant qualities. Materials treated with Fire Poly 75-I provides immunity from insects, rodents and certain types of bacteria. Tests conducted on Fire Poly 75-I have shown that it protects against termite infestation and kills existing termites.

## Fire Poly 75-I TECHNICAL DATA (Interior Class A Rating)

**Product Description:** Aqueous Based Resin

### Product Analysis:

Total Solids	46%
Weight per gallon	10.7 lbs.
Specific gravity	1.33
PH	2.5 - 2.8
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	Good resistance
Anti-Fungus	Excellent resistance
Linear shrinkage	None
Moisture absorption	None
Corrosive	Mildly
Toxic	None (when dry)
Insects, rodents, aspergilli and other types of molds	Excellent resistance
Termites	Excellent resistance
Preservative for wood	Good
Not harmful to plants	



## ENVIRONMENTALLY SAFE

Since Flame Safe Fire Poly 75-I is not an oil or solvent-based chemical, it is non-toxic as a liquid and remains that way -- even after application of heat.

## 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**



**SOME VALUABLES CANNOT BE REPLACED  
UP IN FLAMES... OR**

**FLAME  
SAFE**

**FIRE POLY  
FP 75-I**

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**FLAME  
SAFE**

**FIRE POLY  
FP 75-I**

**THE  
MOST EFFECTIVE  
FIRE RETARDANTS  
AVAILABLE**