

# 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-E.

It's revolutionary! FIRE POLY 75-E actually creates a barrier to fire.

FIRE POLY 75-E 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-E 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  
Full face respirator mask is recommended when spraying.



## QUICK AND EASY APPLICATION

Very little material preparation is required before using Flame Safe FIRE POLY 75-E. Surfaces to be treated should be clean and dry. FIRE POLY 75-E requires at least 24-hour curing time before applying any overcoating.

FIRE POLY 75-E should be applied in its undiluted state. Apply three (3) coats at 600 square feet per coat per gallon with the final coverage rate of 200 square feet per gallon to unfinished wood or thatching. Allow ample time for drying between each coat. Apply FIRE POLY 75-E with a conventional or airless sprayer, brush or roller. If overcoating is intended, FIRE POLY 75-E is a surface primer for use under latex paints and can be used as a finished coat over water based stains. FIRE POLY 75-E provides a substrate with long term protection.



Thatching with cypress and koe

## PRESERVATIVE

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

The information contained herein is the property of Fire Prevention Technologies d/b/a Flame Safe Chemical Corporation and Flame Safe Wood Products, Inc.  
© 1995 revised 8/20/2009

## FIRE POLY 75-E TECHNICAL DATA (Exterior Class A Rating)

**Product Description:** Aqueous Based Resin

### Product Analysis:

Total Solids	46%
Weight per gallon	10.7 lbs.
Specific gravity	1.33
PH	2.2 - 2.5
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

## Exterior Historical Restoration



## ENVIRONMENTALLY SAFE

Since Flame Safe FIRE POLY 75-E 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 intumescing 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 intumescing 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**

**SAFE**

**FIRE POLY**

**FP 75-E**

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)

**FIRE POLY**

**FP 75-E**

**SAFE**

**THEM**

**MOST EFFECTIVE  
FIRE RETARDANTS  
AVAILABLE**

inf  
ati  
co  
ed  
n  
the  
ert  
Fir  
Pr  
tio  
Te

**FLAME**

The  
orm  
on  
ntain  
herei  
is  
prop  
y of  
e  
even  
n  
chno

logies d/b/a Flame Safe Chemical Corporation and Flame Safe Wood Products, Inc.

© 1995 revised 8/20/200

**FLAME**