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 50.

It's revolutionary! FIRE POLY 50 actually creates a barrier to fire.

Solid hardwoods Plywood Particle Board Paneling Wafer Board (OSB) MDF

FIRE POLY 50 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 50 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 50. Surfaces to be treated should be clean and dry. FIRE POLY 50 requires a 24-hour curing time before applying any overcoating for interior applications.

FIRE POLY 50 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 50 with a conventional or airless sprayer, brush or roller. Use on substrates that are enclosed and/or in areas that are warm and dry. Treat all surface areas where possible. Substrates can be made fire resistant. FIRE POLY 50 creates a varnish like coating that provides long-term fire retardant protection. If overcoating is intended, FIRE POLY 50 is a surface primer for use under latex paints and permits surfaces to be tinted with water based stains.

It should be noted that unlike some products, materials treated with FIRE POLY 50 require no special cutting tools or special fasteners. The wood is not crystallized, made inflexible, or weakened. Treated wood maintains all structural strength and characteristics.

Contact parts of any equipment should be stainless steel or plastic to prevent chemical reaction and breakdown. Storage may be done in polyethylene containers

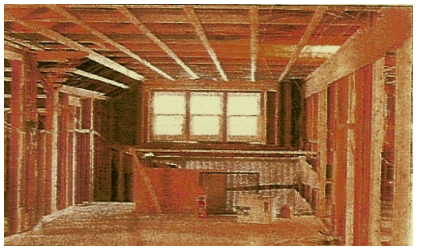
FIRE POLY 50 TECHNICAL DATA

(Interior Class A Rating)

Product Description: Aqueous Based Resin

Product Analysis:

Total Solids	42%
Weight per gallon	10.5 lbs.
Specific gravity	1.33
PH	2.6 - 2.9
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	
Scrubability	1000 cycles



PRESERVATIVE

FIRE POLY 50 has wood preserving advantages as well as it's fire retardant qualities. Materials treated with FIRE POLY 50 provides immunity from insects, rodents and certain types of bacteria. Tests conducted on FIRE POLY 50 have shown that it protects against termite infestation and kills existing termites.

ENVIRONMENTALLY SAFE

Since Flame Safe FIRE POLY 50 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 that 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 50

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FIRE POLY FP 50

FLAME SAFE

THE MOST EFFECTIVE FIRE RETARDANTS AVAILABLE