

# "NOCHAR'S FIRE PREVENTER" FACT SHEET

"nochar's Fire Preventer" contains no coloring agents, thickeners, or inhibitors. (Non-toxic dyes may be added.)

## **APPLICATION:**

- Spraying (airless)
- Brush or roll on
- Pressurization (auto-clave/request special instruction from manufacturer)

## **VISCOSITY:**

10 Centipoise (cP)  
Obtained with a Brookfield viscometer (Model LVF) using a #2 spindle at (60) rpm.

## **SPECIFIC WEIGHT:**

8.809 pounds per gallon of pre-mixed retardant.

## **SPECIFIC GRAVITY:**

1.054 at 70 degrees fahrenheit

## **FLASH POINT:**

None

## **PH SPECIFICATIONS:**

7.1 to 7.7 - slightly corrosive to metals.

## **TOXICITY:**

None-(See M.S.D.S. or Toxicity Test Reference - Northview Laboratories, Berkeley, CA)

Available upon request.

## **TYPES OF MATERIAL TO BE TREATED:**

Any natural, unsealed fiber, i.e., cotton, wool, silk, rayon, linen, paper, cellulosic fibers and wood.

*NOTE:* Rate of application may vary by thickness and density of materials to be treated.

## **RECOMMENDED RATE OF APPLICATION FOR MOST SPECIES OF DIMENSIONAL LUMBER:**

- Brush or roll on - 150 square feet per gallon
- Airless spray - up to 300 square feet per gallon
- Fogging method - up to 500 square feet per gallon

*NOTE:* These coverages may vary by species of wood and the moisture content. Paper and textiles must add 40% by volume weight of liquid fire retardant.

**STORAGE SPECIFICATIONS:**

Product must be stored at a minimum ambient temperature of 50 degrees fahrenheit and a maximum ambient temperature of 130 degrees fahrenheit.

*NOTE:* When stored at temperatures below 30 degrees, chemicals will separate, thus requiring agitation at above 70 degrees for 15 minutes.

**VOLATILITY:**

Volatilizes at 90 degrees fahrenheit plus.

**TESTING REFERENCES:**

Testing data sheet  
ASTM specifications

Available upon request.

**PACKAGING:**

One gallon  
Five gallon  
Fifty-five gallon  
Three hundred thirty gallon  
Bulk size shipping containers, trailers and tank cars.

**QUALITY CONTROL:**

Each package size carry batch numbers, which reference quality control testing and liquid sample keep on file at the manufacturer's laboratories. Permanent production and laboratory log kept; any claims must reference batch numbers used.

**PERFORMANCE CHARACTERISTICS:**

"nochar's Fire Preventer" will raise the combustion temperature of treated natural fiber above that of material in its natural untreated state. Should a fire start from other fuel sources, "nochar's Fire Preventer" will slow the progress of the flame on the materials that have been properly treated with the product.