

PRODUCT DATA SHEET



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CHEMICAL NAME:

FLAME STOP III™

TESTED BY:

U.S. TESTING COMPANY INC.,
OMEGA POINT LABORATORIES



DESCRIPTION:

Flame Stop III™ is a pyrolitic fire retardant paint additive and prevents the spread of flame by developing a self-extinguishing reaction. This product mixes into most water-based paints, stains, sealers, etc. FS III is sold in pint bottles and 55 gallon drums. Once mixed, the product assumes the characteristics of the paint.

BASIC USES:

Flame Stop III should be used in water-based coatings for wood, drywall, etc.

ADVANTAGES:

Class A one coat system. 0 flamespread 0 smoke developed. Flame Stop III can extend paint up to 3 pints (including one pint of Flame Stop III and 2 pints of water) once mixed, Flame Stop III assumes the characteristics of the paint. This product is clear, non-toxic and has no odor.

LIMITATIONS:

We suggest conducting a test utilizing one pint of Flame Stop III and adding sufficient water to arrive at an acceptable viscosity. Some paints contain an unusual amount of hydrocarbons which will make the mixed product coagulate or curdle. (this is a rare occurrence)

Storage Range: 110 degrees F. to 45 degrees F. Shelf Life: 1 year if kept within storage temperatures.

APPLICABLE STANDARDS:

Flame Stop III has been tested to the following standards:

ASTM E-84, NFPA 255, UL 723: U.S. Testing #LA 62142, Omega Point Laboratories #8746-101530
California Registration #C-14401

APPLICATION:

MIXING: Add one pint of Flame Stop III and one pint of water to one gallon of a water-based coating or stain, a chemical reaction will take place and the coating will become thick, add water for desired viscosity however do not add more than 2 total pints of water to maintain fire rating. Flame Stop III should be mixed when ready to apply.

****After treatment a 24 hour conditioning period is necessary before testing****

FLAMESPREAD 0 AND SMOKE DEVELOPED 0

WARRANTY:

This product is sold on condition that th

Stop III

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Technical Support

Total Solids:	52%
Wt Per Gallon:	12.5 lbs..
Average pH:	5.5
Color:	clear
Solvents:	water
Bacterial:	good resistance
Fungus:	good resistance
Volatility:	none
Toxic:	no
Biodegradeable:	yes
Corrosive:	mildly corrosive on unplated steel
Linear Shrinkage:	None
Insects, Rodents and mold:	Excellent Resistance