

CHEMICAL NAME:

FLAME STOP® III

PRODUCT DATA SHEET



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DESCRIPTION:

Flame Stop III™ is a pyrolytic fire retardant paint additive and prevents the spread of flame by developing a self-extinguishing reaction. This product mixes into most latex-based paints. 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 latex-based coatings for wood and gypsum board.

ADVANTAGES:

Class A rating on Gypsum Board and Class B rating on wood. 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. Storage Range: 110 degrees F. to 45 degrees F. Shelf Life: 1 year if kept within storage temperatures. A strong compatibility test is recommended.

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 latex-based paint, 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.

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

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

FLAME SPREAD 0 AND SMOKE DEVELOPED 0 ON GYPSUM BOARD



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

WARRANTY:

Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use or the inability to use the product. Before using, user shall determine the suitability of the product for his intended use, and user assumes all risk and liability whatsoever in connection therewith.