

CHEMICAL NAME:

FLAME STOP® II

PRODUCT DATA SHEET

FLAME STOP INC.

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DESCRIPTION:

Flame Stop II is a post-treatment exterior/interior fire retardant and preservative. When used on porous woods such as Douglas fir, it will provide a class A rating. Flame Stop II penetrates wood and becomes part of its cellular structure. FS II contains polymers that will protect the fire retardancy from exterior weather for up to 5 years. When the treated material is subjected to an open flame, the fire retardant will reduce the flame spread. Flame Stop II is non-toxic, non-hazardous and easy to apply.

BASIC USES:

Flame Stop II should be used for exterior or interior applications such as: most porous woods, shake shingles and interior applications for a preservative and fire retardant.

ADVANTAGES:

Class A one coat system. Flame Spread 25 Smoke Developed 25 Since Flame Stop II penetrates and becomes part of the substrate, the life of the flame retardancy is indefinite if interior, if exterior we recommend re-treatment after 5 years. Flame Stop II is user-friendly, water-based and non-toxic. FSII will not alter the structural integrity of the wood like pressure treatment does. Flame Stop II is often chosen because it is non-toxic, dries clear, easy (spray, brush or roll) application and is a wood preservative. Flame Stop II contains mold and mildew inhibitors which are effective against black mold.

LIMITATIONS:

Do not dilute. Storage Range: 110 degrees F. to 45 degrees F. Shelf Life: 1 year if kept within storage temperatures. A compatibility test is strongly recommended. Moisture content should be 5%-15% before treatment.

APPLICABLE STANDARDS:

Flame Stop II was tested to the following standards:
ASTM E-84, NFPA 255, UL 723: U.S. Testing #LA 62466, Omega Point Laboratories #8746-108578 Class A Rating, California Registration #C-14401

APPLICATION:

Flame Stop II should be applied as is by spraying or immersing. spray, brush or roll. Apply at the rate of 125 square feet per gallon. If spraying in a vertical surface where runoff could occur, multiple applications are allowed, wait until the first coat has penetrated and begin next application. One coat is considered a 24 hour cure period. For spray applications, use a .012 tip size and low pressure.

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

FLAMESPREAD 25 AND SMOKE DEVELOPED 25

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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.

Technical Support

Total Solids:	15%
Wt Per Gallon:	9.5 lbs.
Average pH:	7.0
Color:	white - cures 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

