

# Product Data Sheet



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**PO Box 531  
Derby, KS 67037**

**Chemical Name:**

## Flame Stop IM

### Intumescent Paint

#### Description:

Introducing the first intumescent latex paint that saves 50% in labor due to a single coat application and was tested with a higher coverage rated which saved labor and cost. Stain and mold blocking are added benefits due to new technology. Easy spray, brush, or roll application. Intumescent paints have been manufactured for over 50 years, however until now no paint has incorporated all of the added benefits especially the most important: a single coat application and a high coverage rate without jeopardizing the life saving low smoke development and Class A flame spread. Flame Stop IM is now **30 minute rated with a 2 coat application** and passed the NFPA 703 test, which is the same standard that must be met with fire retardant pressure, impregnated wood. **ALL FLAME STOP PRODUCTS ARE NON-TOXIC, NON HALOGENATED, CONTAIN NO FORM OF BROMINE AND CONTAIN MOLD AND MILDEW INHIBITORS WHICH ARE EFFECTIVE AGAINST BLACK MOLD**

#### Basic Uses:

Flame Stop IM applications include commercial and residential interior surfaces such as paneling, non-porous substrates, veneer, gypsum board, wood, plastic, previously coated surfaces and MDF.

#### Advantages:

Class A one coat system. Flamespread 10. Class A. Flame Spread 0 for 30 minute NFPA 703 with 2 coats. Flame Stop IM is user friendly, water based, non-toxic, labor saving, mold inhibitor, fast curing, high coverage rate, stain blocker. May be used as a primer or finish coat.

#### Limitations:

DO NOT DILUTE. Storage Range: 45-110 degrees F. Shelf Life: 1 yr if kept within storage temperatures. We suggest a small compatibility test.

#### Applicable Standards:

Flame Stop IM has been tested to the following standards: ASTM E-84, NFPA 255, NFPA 703 (30 minute test), UL 723, Omega Point Lab #8746-108578, SWRI (Southwest Research Institute) #01.10932.01.195

#### Application:

Flame Stop IM should be applied as is by spray, brush or roll. Use airless sprayer suitable for applying latex based paint. Tip sizes vary however we suggest a .017. Apply at the rate of 150 sq. ft per gallon for ASTM E-84. For NFPA 703 (30 minute test) apply two coats at 200 sq. ft per gallon.

Up to 4 oz paint color may be added to paint.

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

**Flame Spread: 10 Smoke Developed 45; NFPA 703 (30 min, 2 coats) Flamespread 0 Smoke developed 110**

**Warranty: This product is sold on condition that the user will evaluate them to determine their suitability for their purpose. Flame-Block of Kansas & Flame Stop, Inc. warrants that each quantity of Flame Stop I will be the kind designated and free of defects and no other warranty is implied since we have no control over the application.**

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**Tested By:**

**3<sup>rd</sup> party tested by Nationally recognized Labs to  
UL, ASTM and NFPA Standards**

### Technical Support

<b>Total Solids:</b>	<b>60%</b>
<b>Wt. Per Gallon</b>	<b>11 lbs.</b>
<b>Color:</b>	<b>White</b>
<b>Bacterial:</b>	<b>Good Resistance</b>
<b>Fungus:</b>	<b>Good Resistance</b>
<b>Volatility:</b>	<b>None</b>
<b>Toxic:</b>	<b>No</b>
<b>Biodegradable:</b>	<b>Yes</b>
<b>Corrosive:</b>	<b>Mildly on Unplated steel</b>
<b>Linear Shrinkage:</b>	<b>None</b>
<b>Insects, Rodents, and mold:</b>	<b>Excellent resistance</b>