

Flamecheck™ M-111PA Fire Retardant Paint Additive Product Data Sheet



Flamecheck M-111PA is a fire-retardant paint additive for Interior or Exterior latex/acrylic paint.

Meets or exceeds ASTM E-84 with a “Class A” rating with ZERO flame spread and ZERO smoke over a non-flammable substrate. For added protection, pretreat porous substrates with **Flamecheck M-111™** and allow to dry before painting.

Flamecheck M-111PA™ is non-toxic, environmentally friendly and safe to use in areas with daily human contact.

Mix 8oz of **Flamecheck M-111PA™** to 1 (US) gallon of latex/acrylic paint. Does not change the color or the sheen of the paint. Metallic paints may change color weeks after being treated, test before using.

Coverage is approximately 350-400 sq. ft. per coat per gallon. Two coats (or 2 mils thick) are required to achieve a “Class A” finish. Always test your application meets the standard you are trying to achieve on a sample piece of material.

Tested with most major paint brands and found to be compatible. If Flamecheck M-111PA changes the consistency of the paint (thick or curdled) it is incompatible with that paint, do not use.

Application Instructions: Follow standard paint application techniques; professional airless spray gun is recommended.

Safety: Use common sense precautions, dust mask, eye protection, rubber gloves/apron. Cover electrical devices and heating and cooling vents.

- Kitchens
- Garages
- Bedrooms
- Family Rooms
- Storage Rooms
- Cabins
- Restaurants
- Daycare Centers
- Senior Living Facilities
- Stage Sets / Props
- Backdrops
- Haunted Houses
- Escape Rooms

- Non-toxic
- Non-allergenic
- Easy to use
- Does not change the paint color or sheen
- Safe to use around children

Total Solids:	19%
Relative Density:	1.11
Average pH:	5.6-6.6
Color:	Clear pale white
Dries:	Clear and non-odorous
Smell:	Light lemon scent
Bacterial/Fungus:	Good resistance
Volatility/VOC:	None / 0lb/G1
Toxic:	Non-toxic LD50>5000 Class V
Bio-degradable:	Yes
Boiling Point:	>110°C
Evaporation Point:	As water
Solubility in Water:	Miscible in all proportions
Viscosity:	As water
Flammability/Flash Point:	None
Shelf Life:	Unlimited in a sealed container
Store at room temperature:	+40° to +90° F
Corrosive:	Non-corrosive on un-plated mild steel

Flamecheck M-111PA™ Fire Retardant Paint Additive

CERTIFICATES

Flamecheck™ M-111PA meets or exceeds a “Class A” finish when properly applied for this test standard:

- ✓ **ASTM E-84**
 - "Class A"
 - ZERO Flame Spread
 - ZERO Smoke

Distributed by
RDR Technologies, LLC
www.rdrtechnologies.com
405-306-3062



Made in the USA