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**Fireshell® IB 4 series ignition barrier coating for sprayfoam
1 part, Water Based , EPA and Cert approved**

Protective properties	Over Open Cell Poly	Fire Endurance:	Meets AC377 App X for ignition barriers
	Over Open cell Soy		Meets AC377 App X for ignition barriers
Flash Point:			None
Volatiles/VOC(g/l)			2.7 g/l – significantly below 50 g/l AQMD & EPA
Flame spread (as per ASTM E84)			0
Smoke (as per ASTM E84)			20
Solvents:			Water based
Toxicity:			Non-toxic
Environmental impact			Green product(as per http://www.greenguide.com)
Weight per Gallon:			10.3 – 10.7lbs
Solids by volume:			51-54 %
Color:			Dull white
Wet film/coat to DFT – spray	9mils dries to 5mil, nominal 15mils dries to 8mil, nominal	up to 175+ ft2/gal coverage up to 125+ft2/gal coverage	
Recommended final DFT			5mil to 12 mil
Dry Times			to touch - ~60min, 1-2 hrs between coats
Recommended equipment			Airless: Graco 695/ASM2100 3300psi Tips: 521 and up Air: Binks 2001 gun, 68ss air cap assy
Sag resistance			35mils or more, when sprayed, 20 mils on ceilings
Coverage:			up to 175+ft2/gal @ 5mils dry on Open cell... slightly better coverage on closed cell
Priming:			For Ignition: No primer required
Topcoating			Min 12hrs before painting with a quality latex Moisture meter recommended
Fungus Resistance:			Excellent –Mold inhibiting coating
Mold Resistance:			Excellent –Mold inhibiting coating
Bacteria Resistance:			Good
Linear Shrinkage:			Minimal
Moisture Absorption:			Minimal
Spraying temps:			62-95 f ambient interior. Can be sprayed as low as 55f by warming coating

Certifications, test reports and MSDS available at www.tpr2.com

