

**Rubber Flooring
Chemical Resistance Properties
(per) ASTM F925 Methodology**

Chemical	Immersion Time	
	1 Minute	24 Hour
Betadine cleanser (povidone 7.5%)	No change	Slight change
Betadine solution (povidone 10%, iodine 1%)	Slight change	Stain -
Coal tar (bitumen)	Slight stain	Stain -
Household ammonia solution (5%)	No change	No change
Household bleach solution (5.25%)	No change	Whitening
Hydrochloric acid solution (5%)	Very slight discoloration	Discoloration
Iodine solution (tincture of iodine 2.5%)	Yellow stain	Yellow stain
Kerosene	Yellow stain	Slight swelling
Olive oil (light)	No change	No change
Phenol (5%)	No change	No change
Phenox #6925 – 5% as recommended Phenolic germicidal detergent (o-phenyphenol 0.45% o-Benzyl –p-Chlorophenol 3.30%) (contains: 0.48% / 3.30%) Lalema	No change	No change
Phenox #6925 – pure solution 100% Phenolic germicidal detergent (o-phenyphenol 0.48% o-Benzyl-p-Chlorophenol 3.30%) (contains: 0.48% / 3.30%) Lalema	No change	No change
Polyquat #6750 – 1% as recommended Germicidal fungicidal virucidal detergent (Didecyl dimethyl ammonium chloride) (contains: 3.85%) Lalema	No change	No change
Polyquat #6750 pure solution 100% Germicidal fungicidal virucidal detergent (Didecyl dimethyl ammonium chloride) (contains: 3.85%) Lalema	No change	No change
Rubbing alcohol (70%)	No change	No change
Silver nitrate (normal)	Brown stain	Dark brown stain
Sodium hydroxide solution (5%)	No change	No change
Sulfuric acid solution (5%)	Very slight discoloration	Discoloration
Unleaded gasoline (regular grade)	Slight swelling	Swelling
Wright's Blood Stain** - applied directly to floor	Blue stain	Blue stain
White mineral oil (medicinal grade)	No change	No change
White vinegar (5%)	No change	No change

Note: Tests have been done on #33 color gray compound. The results can vary for other colored products.