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Forever Bond™ Chemical Resistance

<u>Material Used for Test</u>	<u>Sample #</u>	<u>Effect on PermCoat™</u>
Methanol	1	Darkening
Gasoline	2	No Effect
5% Methanol Gasoline	3	No Effect
Diesel Fuel	4	No Effect
Motor Oil	5	Very Slightly Yellowing
Hydraulic Fluid	6	No Effect
Jet Fuel	7	No Effect
Toluene	8	Softening, Distention
Petroleum Ether	9	No Effect
Jet Oil	10	Slight Staining
Heptane	11	No Effect
Acetone	12	Softening
MEK	35	Softening, Distention
Hexane	13	No Effect
Trichloroethane	14	Softening, Distention
Water	15	No Effect
10% NaCl/ Water	16	No Effect
10% Sugar/ Water	17	Some Staining
Household Mustard	36	Staining Yellow
5% Sulfuric Acid	18	No Effect
10% Sulfuric Acid	19	No Effect
50% Sulfuric Acid	20	Severe, Softening, Distention
5% Hydrochloric Acid	21	No Effect
10% Hydrochloric Acid	22	No Effect
10% Phosphoric Acid	23	Slight Lightening
10% Ammonium Hydroxide	24	No Effect
20% Ammonium Hydroxide	25	No Effect
5% Sodium Hydroxide	26	No Effect
10% Sodium Hydroxide	27	No Effect
50% Sodium Hydroxide	28	No Effect
10% Potassium Hydroxide	29	No Effect
20% Potassium Hydroxide	30	No Effect
5% Acetic Acid	31	No Effect
10% Acetic Acid	32	No Effect
10% Clorox	33	Severe Yellowing
Dichloromethane	34	Yellowing, Exfoliation

