

**One Application of RETROGUARD (1500 sq. ft./ gal.)
Chemical Resistance Testing Summary - October 2008**

TEST METHODS: Stain Resistance – ASTM D 1308

The treatment was applied in accordance with RetroGuard Product Data Sheet instructions and allowed to cure for 7 days prior to testing. The soiling agents were allowed to dwell on the treated and untreated substrates for times of 1 hour and 15 minutes. Evaluation consisted of a visual examination of the tested areas to determine the effect the reagent had on the sample using the following scale:

E = Excellent (No Adverse Effects)

G = Good (Limited Adverse Effects)

F = Fair (Moderate Adverse Effects)

P = Poor (Unsatisfactory)

	Effect 15 min.	Effect 1 Hour	Bases	Effect 15 min.	Effect 1 Hour
Acids					
10% Citric	G	G	5% Ammonium Hydroxide	E	G
10% Acetic	G	G	30% Ammonium Hydroxide	E	G
10% Oxalic	G	G	10% Potassium Hydroxide	E	G
10% Hydrochloric	F	P	45% Potassium Hydroxide	G	F
35% Hydrochloric	P	P	10% Sodium Hydroxide	E	G
10% Phosphoric	G	F	50% Sodium Hydroxide	E	G
70% Phosphoric	E	G			
10% Sulfuric	E	G	Solvents		
50% Sulfuric	P	F	Acetone	G	G
			Mineral Spirits	E	G
Alcohols			Xylene	G	G
Benzyl Alcohol	F	F	MEK	G	G
Ethyl Alcohol	E	F			
Isopropyl Alcohol	E	E	Hydraulic Fluids / Oils / Fuels		
Methyl Alcohol	E	E	Gasoline	E	G
Ethylene Glycol	E	E	Brake Fluid	E	G
			Motor Oil	E	G
Salts			Automatic Transmission Fluid	E	G
Ammonium Chloride	E	E	Skydrol	G	F
Calcium Chloride	E	E			
Sodium Bicarbonate	E	G	Other Chemicals / Misc.		
Sodium Chloride	E	E	Cola	E	E
Sodium Carbonate	E	G	Mustard	G	G
			Ketchup	G	G
			Red Wine	G	G
			Balsamic Vinegar	G	G
			Vegetable Oil	G	F
			Bleach (Sodium Hypochlorite)	E	E
			Tap Water	E	E
			Laundry Detergent (Tide)	E	G
			Lemon Juice	G	G

Test results were obtained under laboratory conditions. Reasonable variations can be expected due to environmental conditions, etc. Single application of RetroGuard at 1500 square feet per gallon.