

Table 1
Physical Property Comparison

	Paint A Thermoplastic Water-borne	Paint B Thermoset Water-borne	Paint C UV Cured Epoxy Acylate
Adhesion	100%	95%	100%
Scrub Test	40% Failure	100% Failure	0 - 10 % Failure
100 MEK Rubs	NR	100% Failure	Pass
Stain Resistance			
TSP Solution	10	NR	0
Mineral Oil	4	SE	0
Nail Polish Remover	2	FD	0
Household Bleach	10	FD	0
Household Bleach	4	FD	0
Coffee	5	FD	0
Alcohol (Ethanol)	6	FD	0
Lemon Juice	8	FD	0
Household Ammonia	3	FD	0
Cola	4	FD	0
Lipstick	2	FD	0
Color Crayon		NE	0

Rating systems are different due to different individuals performing tests. However, conclusion can be drawn if an equivalency can be made between test rating systems.

0 = NE = No Effect; 1 - 3 = SE = S;ight Effect; 4 - 6 = ME = Moderate Effect;
7 - 8 = FD = Permanent Effect; 9 - 10 = Failure