

Chemical Resistance Test: VinylGuard

Test method: Test was carried out in accordance with ASTM D1308 (Spot Test Covered). This test method determines the effect of chemicals on clear and pigmented organic finishes, resulting in any objectionable alteration in the surface, such as discoloration, change in gloss, blistering, softening, swelling, loss of adhesion, or special phenomena.

Test Solution: Solutions were prepared from analytical grade chemicals

Test Conditions: Test was conducted at 73.5°F (23°C) and 50 to 65% relative humidity

Test Period: 24 hours. The test specimens were covered with watch glass.

Chemical Reagents	Result
Toluene	No sign of blistering discoloration or damages
Gasoline	No sign of blistering discoloration or damages
MEK	No sign of blistering discoloration or damages
10% Sulfuric Acid	No sign of blistering discoloration or damages
Isopropyl Alcohol	No sign of blistering discoloration or damages
Xylol	No sign of blistering discoloration or damages
50% Sodium Hydroxide	No sign of blistering discoloration or damages
20% Sodium Chloride	No sign of blistering discoloration or damages
37% Sulfuric Acid (battery acid)	No sign of blistering discoloration or damages
Hydraulic Fluid	No sign of blistering discoloration or damages
Skydrol JP-4	No sign of blistering discoloration or damages
Bleach	No sign of blistering discoloration or damages
Blood	No sign of blistering discoloration or damages
Urine	No sign of blistering discoloration or damages
Betadyne	No sign of blistering discoloration or damages
Ketchup	No sign of blistering discoloration or damages
Mustard	No sign of blistering discoloration or damages
Orange Juice	No sign of blistering discoloration or damages

Prepared by:

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