CoverTec
innovative chemistry for substrate solutions

Chemical Resistance Test: CoverShield U140

Test method: Test was carried out in accordance with ASTM D1308 (Spot Test Covered).This test method determines of 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: Product cured for 14 days at 70° before testing

CHEMICAL	TIME-- 4 hours	Time--24 hours
Betadine	No Effect	No Effect
Bleach	No Effect	No Effect
Gasoline	No Effect	No Effect
Diesel	No Effect	No Effect
Acetic Acid	No Effect	No Effect
Isopropyl Alcohol	No Effect	No Effect
MEK (complete immersion)	Slightly Soft	Soft
Brake Fluid	No Effect	No Effect
Sulfuric Acid (10%)	No Effect	No Effect
IPA	No Effect	Slightly Soft
Hydrochloric Acid (10%)	No Effect	No Effect
Skydrol	No Effect	No Effect
NaOH	No Effect	No Effect
Ammonium Hydroxide (50%)	No Effect	No Effect

Scale of performance 10=excellent 0=very poor	**CoverShield U140 Sealer 1 hour performance**	**Competitive Sealer # 1 1 hour performance**	**Competitive Sealer # 2 1 hour performance**	**CoverShield U140 Sealer 24 hour performance**	**Competitive Sealer # 1 24 hour performance**	**Competitive Sealer # 2 24 hour performance**
Water	***10***	***7***	***10***	***10***	***1***	***4***
Water blush	***10***	***8***	***9***	***10***	***2***	***3***
Vinegar	***10***	***6***	***7***	***10***	***0***	***0***
Bleach	***10***	***5***	***7***	***10***	***1***	***2***
Blood	***10***	***8***	***8***	***10***	***8***	***7***
Urine	***10***	***7***	***7***	***10***	***6***	***5***
Lemon Juice	***10***	***9***	***9***	***10***	***4***	***6***
Mustard	***10***	***6***	***8***	***10***	***1***	***2***
Olive Oil	***10***	***5***	***8***	***10***	***0***	***2***
Cola	***10***	***7***	***6***	***10***	***1***	***1***
Brake Fluid	***10***	***8***	***8***	***10***	***0***	***0***

Prepared by: Date: 06/19/15

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