

HIGHLINE 310 CHEMICAL RESISTANCE DATA

PRODUCT NAME: HighLine 310

The following chemical resistance spot testing data was obtained from a 70-75 mils film of ArmorThane HighLine 310 in each chemical listed below at 70-75°F (21-24°C) for a period of 72-96 hours. Like other industrial maintenance coatings, HighLine 310 has chemical and temperature limitations. Please read the disclaimer below. For chemicals other than those listed, proper testing must be completed prior to application of the coating. It is advisable to consult ArmorThane for further information.

Acetic Acid, 2%	1	2 Methyl Butane	1
Acetic Acid, 5%	1	Motor Oil	2
Acetic Acid, 10%	1	Methyl tert-butyl ether (MTBE)	3/5
Acetic Acid, 50%	4	Phosphoric Acid, 10%	1
Acetone	3/5	Potassium Hydroxide, 10%	1
Ammonium Hydroxide, 10%	1	Potassium Hydroxide, 20%	2
Ammonium Hydroxide, 20%	1	Propylene Carbonate	3
Brake Fluid	2	Raw Sewage	1
Diesel	1	Sodium Hydroxide, 10%	1
Formic Acid, 2%	1	Sodium Hydroxide, 20%	2
Formic Acid, 5%	1	Sodium Hydroxide, 50%	2
Formic Acid, 10%	2	Sugar/Water, 10-30%	1
Gasoline (unleaded)	1	Sulphuric Acid, 5%	1
HEXANE	3/5	Sulphuric Acid, 10%	1
Hydraulic Oil	1	Sulphuric Acid, 30%	5
Hydrochloric Acid, 5%	1	Sulphuric Acid, 60%	4
Hydrochloric Acid, 10%	1	Toluene	4
Hydrochloric Acid, 35%	4	Water, De-ionized	1
Hydrogen Sulphide Gas (H ₂ S gas)	1	Water, Drinking	1
Lactic Acid, 45%	2	Water, Salt (30%)	1
Methanol	4	Xylene	4

KEY:

- 1 = No visible damage
- 2 = Little visible damage
- 3 = Some effect swelling, discoloration, cracking
- 4 = Not recommended
- 5 = Satisfactory for splash, spillage and secondary containment (72-96 hours)

Test performance results were obtained in a controlled environment, and ArmorThane makes no claim that these tests or any other tests accurately represent all environments. Application processes, environmental, and design factors can vary significantly. Due care should be exercised in the selection and use of the coating.

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