

## CHEMICAL RESISTANCE DATA

### PRODUCT NAME: HighLine 510

Xylene	4	Toluene	4
Acetone	2	2 Methyl Butane	1
MTBE	2	Hexane	2
Motor Oil	2	Gasoline (unleaded)	1
Diesel	1	Brake Fluid	2
Hydraulic Oil	1	Methanol	4
Sewage	1	Hydrogen Sulphide Gas (H <sub>2</sub> S)	1
Hydrochloric Acid 35%	4	Propylene Carbonate	3
Hydrochloric Acid 10%	1	Acetic Acid 10%	1
Hydrochloric Acid 5%	1	Phosphoric Acid 10%	1
Ammonium Hydroxide 10%	1	Sulphuric Acid 60%	4
Ammonium Hydroxide 20%	1	Sulphuric Acid 30%	5
Sodium Hydroxide 50%	2	Sulphuric Acid 10%	1
Salt Water (10%)	1	Sulphuric Acid 5%	1
Drinking Water	1	De-Ionized Water	1
Potassium Hydroxide 10%	1	Sodium Hydroxide 10%	1
Potassium Hydroxide 20%	2	Sodium Hydroxide 20%	2
10% Sugar/Water	1		

#### 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)

The chemical resistance data was obtained from a 70-75 mils film of HighLine 510 immersed in each chemical listed at 70-75°F for a period of 7 days. Like other industrial maintenance coatings, HighLine 510 has chemical and temperature limitations. For chemicals other than those listed, proper testing must be completed prior to application of the coating system.

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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