

CHEMICAL RESISTANCE CHART FOR POLYEURO® 8245

Specifically designed to have better Acid and Bases Chemical Resistance Property.

The following chemical resistance data were obtained from a 70-75 mils film of POLYEURO®8245 immersed in each chemical listed below at 70-75 degF for a period of 30 days. Like other industrial maintenance coatings, POLYEURO®8245 has chemical and temperature limitations. Please read the disclaimer below. For chemicals other than those listed below, proper testing must be completed prior to application of the coating system. It is advisable to consult your local Polycoat representative.

CHEMICAL SOLVENTS

Xylene	4
Toluene	4
Acetone	4
2 Methyl Butane	4
MTBE	4
HEXANE	4

ACIDS and BASES

Potassium Hydroxide 10%	1
Potassium Hydroxide 20%	1
Sodium Hydroxide 10%	1
Sodium Hydroxide 20%	1
10% Sugar/Water	1
Propylene Carbonate	3
Ammonium Hydroxide 10%	1
Ammonium Hydroxide 20%	1
Sodium Hydroxide 50%	1
Salt Water (10%)	1
Drinking Water	1
De-Ionized Water	1

CHART KEYS:

- 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)

CHEMICAL SOLVENTS

Motor Oil	2
Gasoline (unleaded)	5
Diesel	1
Brake Fluid	2
Hydraulic Oil	1
Methanol	4

ACIDS and BASES

Sewage	1
Hydrogen Sulphide gas (H ₂ S gas)	1
Hydrochloric Acid 35%	4
Hydrochloric Acid 10%	1
Hydrochloric Acid 5%	1
Acetic Acid, 50%	5
Phosphoric Acid, 10%	1
Sulphuric Acid 97%	4
Sulphuric Acid 50%	1
Sulphuric Acid 30%	1
Sulphuric Acid 10%	1
Sulphuric Acid 5%	1
Glacial Acetic Acid	4
Nitric Acid 25%	5
Nitric Acid 50%	4
Nitric Acid 70%	4
Hydro Flouric Acid 10%	5
Hydro Flouric Acid 30%	4
Hydro Flouric Acid 50%	4

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

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POLYEURO® 8245
CHEMICAL RESISTANT