PEERLESS INDUSTRIAL SYSTEMS
A.C.N. 004 927 539

epigen
Performance Resins & Composite Systems

CHEMICAL RESISTANCE DATA

The following information is provided as a guide to product performance in chemical environments.
More specific data or interpretation of results should made to the manufacturer as required.
The results are derived from samples cured for 10 days at nominally, 25°c.
Rating 1 = continuous or long term immersion
2 = short term immersion
3 = splash and spill
4 = avoid contact

	Epigen 4028 / 4040	Epigen 4029	Epigen 4030	Epigen 4028 / 4040 Fast Cure	Epigen 4029 Fast Cure
Acetic Acid, 10%	2	2	2	2	2
Acetic Acid, Glacial	2	2	2	2	2
Hydrochloric Acid, 10%	1	1	1	1	1
Hydrochloric Acid, Conc	1	1	1	1	1
Lactic Acid, 5%	1	1	1	1	1
Nitric Acid, 10%	2	2	2	2	2
Nitric Acid, 20%	2	2	2	2	2
Nitric Acid, Conc	3	3	3	2	2
Sulfuric Acid, 25%	2	2	2	1	1
Sulfuric Acid, 75%	2	2	2	1	1
Sulfuric Acid, Conc	3	3	3	2	2
Ammonium Hydroxide, 10%	1	1	1	1	1
Ammonium Hydroxide, 30%	1	1	1	1	1
Potassium Hydroxide, 10%	1	1	1	1	1
Potassium Hydroxide, 30%	1	1	1	1	1
Sodium Hydroxide, 10%	1	1	1	1	1
Sodium Hydroxide, 30%	1	1	1	1	1
Acetone	2	2	2	2	2
Ammonium Chloride	1	1	1	1	1
Beer	1	1	1	1	1
Dichloromethane	3	3	3	2	2
Diesel Fuel	1	1	1	1	1
Isopropyl Alcohol	1	1	1	1	1
Kerosene	1	1	1	1	1
Petrol	1	1	1	1	1
Skydrol	1	1	1	1	1
Sodium Cyanide	1	1	1	1	1
Sodium Hypochlorite	1	1	1	1	1
Toluene	2	2	2	1	1
Trichloroethane	2	2	2	1	1
Xylene	2	2	2	1	1

Properties					
Solids Content (%)	100	100	100	100	100
Mixing Ratio (wt/wt)	2:1	2:1	10:1	4:1	4:1
Minimum Cure (hours)	6	6	6	1	1
HDT (temp rating °C)	65	70	75	75	75
Consistency	liquid	cream	mortar	liquid	cream

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