



CHEMICAL RESISTANCE COMPARISION

Reagent Name	Test Method	%	Trespa Toplab Plus			Epoxy Resin			Trespa Athlon			Phenolic Resin			Solid Surface			Chemical Resistant Plastic Laminate		
			Black	White	Gray	Black	White	Gray	Black	White	Gray	Black	White	Gray	Black	White	Gray	Black	White	Gray
Acetone	A		0	0	0	1	0	0	0	0	0	1	1	1	3	2	2	1	0	0
Aqua Regia	B		0	1	1	0	1	1	1	1	1	2	1	2	1	1	1	2	1	3
Betadine (Providone Iodine)	B	10%	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	1
Chromic Acid	B	60%	0	0	0	2	1	2	1	0	0	1	1	1	2	1	2	1	0	1
Dichloroacetic Acid	A		0	0	0	0	0	0	1	1	1	1	0	0	3	3	3	1	0	1
Dimethylformamide	A		0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	2	0	0
Ethyl Acetate	A		0	0	0	0	1	0	1	1	1	1	0	1	3	2	2	0	0	0
Ethyl Ether	A		0	0	0	0	0	0	1	1	0	1	1	0	1	1	1	0	0	1
Furfural	A		0	0	0	0	1	0	0	0	0	0	0	0	2	2	2	0	1	1
Hydrofluoric Acid	B	48%	2	2	2	2	2	2	2	1	2	2	1	2	3	3	2	0	0	2
Methyl Ethyl Ketone	A		0	0	0	1	0	0	1	1	1	1	0	0	3	3	2	0	0	1
Nitric Acid	B	20%	0	1	0	0	1	0	1	1	2	1	1	1	1	0	0	1	0	3
Nitric Acid	B	30%	0	1	0	0	1	1	1	1	2	1	1	1	1	1	1	2	0	3
Nitric Acid	B	70%	0	1	1	0	2	2	2	2	2	2	2	2	3	3	2	3	2	3
Phenol	A	90%	0	0	0	0	0	0	0	0	0	1	0	0	3	3	3	0	0	0
Sodium Hydroxide	B	10%	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	3	0	0
Sodium Hydroxide	B	20%	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	3	0	1
Sodium Hydroxide	B	40%	0	0	1	1	1	1	0	1	0	1	1	1	0	0	0	3	0	1
Sodium Hydroxide Flakes	B		0	0	1	1	0	0	1	0	0	1	0	0	0	0	0	1	0	1
Sulfuric Acid	B	33%	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	2
Sulfuric Acid	B	77%	1	1	0	1	0	0	1	1	2	2	1	2	2	2	2	2	0	2
Sulfuric Acid	B	96%	1	1	0	3	3	3	2	2	3	2	2	2	3	3	3	2	3	2
Sulfuric Acid (77%)/Nitric Acid (70%) 50:50	B		0	1	1	0	2	2	2	2	1	2	1	2	2	2	1	3	2	2
Total Number of Level 1 & Level 2 Failures			3	8	8	9	10	7	15	15	12	20	14	10	9	8	13	10	4	13
Total Number of Level 3 Failures			0	0	0	1	1	1	0	0	1	0	0	0	8	6	3	5	1	4

The industry standard SEFA 49 testing procedure was used and the 23 harshest chemicals were chosen from the 49 chemicals listed in the standard.

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