Resistance To Chemicals – Harmony fx

Date : Feb 2014

Resistance to chemicals is tested over a 24 hour contact period at room temperature, followed by rinsing with cold water. Polyflor Ltd believe this simulates the worst situation where spillages are not removed immediately and are only cleaned by normal maintenance.

U - Unstained A - Slight stain B - Moderate stain C - Heavy stain
E - Appearance as above plus slight surface disturbance

Chemical	2990	3100	3150	3290	3330	3340	3360	6411	6414	6415	6416	6419	6420	6421	6426
1 Acetic Acid Glacial	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
2 Acetic Acid 50% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
3 Acetic Acid 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
4 Boric Acid 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
5 Citric Acid 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
6 Hydrochloric Acid Concentrated	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
7 Hydrochloric Acid 50% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
8 Hydrochloric Acid 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
9 Lactic Acid Concentrated	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
10 Nitric Acid Concentrated	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
11 Nitric Acid 50% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
12 Nitric Acid 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
13 Oxalic Acid 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
14 Perchloric Acid 60% Solution	U	U	U	U	UE	UE	U	U	A	A	U	AE	AE	U	A
15 Phosphoric Acid Concentrated	U	U	U	U	U	U	U	U	UE	UE	U	U	U	U	U
16 Phosphoric Acid 50% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
17 Pyrogallic Acid	U	U	U	B	U	U	U	A	A	A	A	A	A	U	B
18 Sulphuric Acid Concentrated	UE	AE	AE	AE	AE	UE	AE	UE	AE	AE	UE	AE	AE	AE	AE
19 Sulphuric Acid 50% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
20 Sulphuric Acid 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
21 Tannic Acid 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
22 Tartaric Acid 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
23 Thioglycollic Acid Concentrated	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
24 Absolute Alcohol	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
25 Amidol 10% Solution	A	A	U	B	U	A	U	A	U	U	A	A	A	U	B
26 Ammonia Solution 88	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
27 Ammonium Alum 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
28 Ammonium Bichromate 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
29 Ammonium Bromide10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
30 Ammonium Carbonate 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
31 Ammonium Chloride 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
32 Ammonium Sulphate	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
33 Ammonium Thiocyanate 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
34 Borax 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
35 Calcium Choride 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
36 Calgon 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U

Resistance To Chemicals – Harmony fx

Chemical	2990	3100	3150	3290	3330	3340	3360	6411	6414	6415	6416	6419	6420	6421	6426
37 Carbon Tetrachloride	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
38 Catechol 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
39 Chrome Alum 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
40 Copper Sulphate 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
41 Ferric Ammonium Citrate 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
42 Formaldehyde 50% solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
43 Glycerine	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
44 Glycine 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
45 Hydrogen Peroxide 100%	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
46 Hydroquinone 10% Solution	A	A	U	B	A	U	U	A	A	A	A	B	B	U	B
47 Hydroxylamine Hydrochloride 10% Soln	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
48 Iodine 5% Soln In Potassium Iodide Soln	B	B	A	B	B	A	U	B	C	C	B	C	C	A	C
49 Iodine Alcoholic Solution	C	C	B	C	C	B	A	C	C	C	C	C	C	B	C
50 Iron Perchloride 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
51 Iron Sulphate 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
52 Lead Acetate 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
53 Magnesium Sulphate 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
54 Metol 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
55 Mercuric Chloride 10%Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
56 Methylated Spirits 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
57 Paraformaldehyde 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
58 Phenol 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
59 Potassium Bromide 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
60 Potassium Carbonate 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
61 Potassium Dichromate 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
62 Potassium Ferricyanide 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
63 Potassium Ferrocyanide 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
64 Potassium Hydroxide 10% Solution	U	UE	AE	U	U	U	U	U	AE	AE	U	AE	AE	AE	B
65 Potassium Iodide 10% Solution	A	A	U	A	U	U	U	A	A	A	A	A	A	U	A
66 Potassium Metabisulphite 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
67 Potassium Oxalate 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
68 Potassium Permanganate 10% Solution	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
69 Potassium Thiocyanate 10% Solution	A	U	U	U	U	U	U	A	U	U	A	U	U	U	B
70 Silver Nitrate 10% Solution	U	U	U	U	U	U	U	A	A	A	A	A	A	U	B
71 Sodium Acetate 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
72 Sodium Bicarbonate 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
73 Sodium Bromide 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
74 Sodium Carbonate 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
75 Sodium Chloride 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
76 Sodium Hydroxide 10% Solution	UE	UE	AE	UE	UE	UE	AE	AE	AE	AE	AE	AE	AE	AE	AE
77 Sodium Hypochlorite 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
78 Sodium Perborate 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
79 Sodium Phosphate 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
80 Sodium Sulphate 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
81 Sodium Sulphite 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
82 Sodium Thiosulphate 10% Solution	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U

Resistance To Chemicals – Harmony FX

Household & Proprietary Products	2990	3100	3150	3290	3330	3340	3380	6411	6414	6415	6416	6419	6420	6421	6426
85 Izal Bleach Citrus, Concentrated	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
86 Izal Bleach Citrus, Diluted (10% Solution)	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
88 Izal Disinfectant Pine, Concentrated	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
92 TCP Concentrated	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
93 Dettol Concentrated	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
94 Soap Solution (Deb 2000)	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
95 Detergent (Daz Automatic, 10% Solution)	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
96 Milk	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
97 Tea (black)	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
98 Coffee (black)	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
99 Petrol	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
100 White Spirit	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
101 Diesel Fuel	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
102 Mineral Oil (Singer)	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
103 Vegetable Oil	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
104 Anti Freeze (Bluecol)	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U

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U - Unstained A - Slight stain B - Moderate stain C - Heavy stain
E - Appearance as above plus slight surface disturbance

	Shade								
Chemical	9800	9801	9802	9803	9804	9805	9806	9808	9809
1 Acetic Acid Glacial	U	U	U	U	U	U	U	U	U
2 Acetic Acid 50% Solution	U	U	U	U	U	U	U	U	U
3 Acetic Acid 10% Solution	U	U	U	U	U	U	U	U	U
4 Boric Acid 10% Solution	U	U	U	U	U	U	U	U	U
5 Citric Acid 10% Solution	U	U	U	U	U	U	U	U	U
6 Hydrochloric Acid Concentrated	U	U	U	U	U	U	U	U	U
7 Hydrochloric Acid 50% Solution	U	U	U	U	U	U	U	U	U
8 Hydrochloric Acid 10% Solution	U	U	U	U	U	U	U	U	U
9 Lactic Acid Concentrated	U	U	U	U	U	U	U	U	U
10 Nitric Acid Concentrated	U	U	U	U	U	U	U	U	U
11 Nitric Acid 50% Solution	U	U	U	U	U	U	U	U	U
12 Nitric Acid 10% Solution	U	U	U	U	U	U	U	U	U
13 Oxalic Acid 10% Solution	U	U	U	U	U	U	U	U	U
14 Perchloric Acid 60% Solution	U	**A**	A	AE	AE	A	A	A	A
15 Phosphoric Acid Concentrated	U	A	U	U	U	A	UE	U	A
16 Phosphoric Acid 50% Solution	U	U	U	U	U	U	U	U	U
17 Pyrogallic Acid	A	B	B	A	A	A	A	B	A
18 Sulphuric Acid Concentrated	UE	AE	AE	AE	AE	A	AE	AE	A
19 Sulphuric Acid 50% Solution	U	U	U	U	U	U	U	U	U
20 Sulphuric Acid 10% Solution	U	U	U	U	U	U	U	U	U
21 Tannic Acid 10% Solution	U	U	U	U	U	U	U	U	U
22 Tartaric Acid 10% Solution	U	U	U	U	U	U	U	U	U
23 Thioglycollic Acid Concentrated	U	U	U	U	U	U	U	U	U
24 Absolute Alcohol	U	U	U	U	U	U	U	U	U
25 Amidol 10% Solution	A	A	B	A	A	A	U	A	U
26 Ammonia Solution 88	U	U	U	U	U	U	U	U	U
27 Ammonium Alum 10% Solution	U	U	U	U	U	U	U	U	U
28 Ammonium Bichromate 10% Solution	U	U	U	U	U	U	U	U	U
29 Ammonium Bromide10% Solution	U	U	U	U	U	U	U	U	U
30 Ammonium Carbonate 10% Solution	U	U	U	U	U	U	U	U	U
31 Ammonium Chloride 10% Solution	U	U	U	U	U	U	U	U	U
32 Ammonium Sulphate	U	U	U	U	U	U	U	U	U
33 Ammonium Thiocyanate 10% Solution	U	U	U	U	U	U	U	U	U
34 Borax 10% Solution	U	U	U	U	U	U	U	U	U
35 Calcium Choride 10% Solution	U	U	U	U	U	U	U	U	U
36 Calgon 10% Solution	U	U	U	U	U	U	U	U	U

Resistance To Chemicals – Harmony fx

Chemical	9800	9801	9802	9803	9804	9805	9806	9808	9809
37 Carbon Tetrachloride	U	U	U	U	U	U	U	U	U
38 Catechol 10% Solution	U	U	U	U	U	U	U	U	U
39 Chrome Alum 10% Solution	U	U	U	U	U	U	U	U	U
40 Copper Sulphate 10% Solution	U	U	U	U	U	U	U	U	U
41 Ferric Ammonium Citrate 10% Solution	U	U	U	U	U	U	U	U	U
42 Formaldehyde 50% solution	U	U	U	U	U	U	U	U	U
43 Glycerine	U	U	U	U	U	U	U	U	U
44 Glycine 10% Solution	U	U	U	U	U	U	U	U	U
45 Hydrogen Peroxide 100%	U	U	U	U	U	U	U	U	U
46 Hydroquinone 10% Solution	A	B	B	B	B	B	A	B	B
47 Hydroxylamine Hydrochloride 10% Soln	U	U	U	U	U	U	U	U	U
48 Iodine 5% Soln In Potassium Iodide Soln	B	C	C	C	C	C	C	C	C
49 Iodine Alcoholic Solution	C	C	C	C	C	C	C	C	C
50 Iron Perchloride 10% Solution	U	U	U	U	U	U	U	U	U
51 Iron Sulphate 10% Solution	U	U	U	U	U	U	U	U	U
52 Lead Acetate 10% Solution	U	U	U	U	U	U	U	U	U
53 Magnesium Sulphate 10% Solution	U	U	U	U	U	U	U	U	U
54 Metol 10% Solution	U	U	U	U	U	U	U	U	U
55 Mercuric Chloride 10%Solution	U	U	U	U	U	U	U	U	U
56 Methylated Spirits 10% Solution	U	U	U	U	U	U	U	U	U
57 Paraformaldehyde 10% Solution	U	U	U	U	U	U	U	U	U
58 Phenol 10% Solution	U	U	U	U	U	U	U	U	U
59 Potassium Bromide 10% Solution	U	U	U	U	U	U	U	U	U
60 Potassium Carbonate 10% Solution	U	U	U	U	U	U	U	U	U
61 Potassium Dichromate 10% Solution	U	U	U	U	U	U	U	U	U
62 Potassium Ferricyanide 10% Solution	U	U	U	U	U	U	U	U	U
63 Potassium Ferrocyanide 10% Solution	U	U	U	U	U	U	U	U	U
64 Potassium Hydroxide 10% Solution	U	B	B	AE	AE	A	AE	A	B
65 Potassium Iodide 10% Solution	A	A	A	A	A	A	A	A	U
66 Potassium Metabisulphite 10% Solution	U	U	U	U	U	U	U	U	U
67 Potassium Oxalate 10% Solution	U	U	U	U	U	U	U	U	U
68 Potassium Permanganate 10% Solution	C	C	C	C	C	C	C	C	C
69 Potassium Thiocyanate 10% Solution	A	B	B	U	U	U	U	A	U
70 Silver Nitrate 10% Solution	A	B	B	A	A	U	A	A	A
71 Sodium Acetate 10% Solution	U	U	U	U	U	U	U	U	U
72 Sodium Bicarbonate 10% Solution	U	U	U	U	U	U	U	U	U
73 Sodium Bromide 10% Solution	U	U	U	U	U	U	U	U	U
74 Sodium Carbonate 10% Solution	U	U	U	U	U	U	U	U	U
75 Sodium Chloride 10% Solution	U	U	U	U	U	U	U	U	U
76 Sodium Hydroxide 10% Solution	AE	AE	AE	AE	AE	AE	AE	AE	AE
77 Sodium Hypochlorite 10% Solution	U	U	U	U	U	U	U	U	U
78 Sodium Perborate 10% Solution	U	U	U	U	U	U	U	U	U
79 Sodium Phosphate 10% Solution	U	U	U	U	U	U	U	U	U
80 Sodium Sulphate 10% Solution	U	U	U	U	U	U	U	U	U
81 Sodium Sulphite 10% Solution	U	U	U	U	U	U	U	U	U
82 Sodium Thiosulphate 10% Solution	U	U	U	U	U	U	U	U	U

Resistance To Chemicals – Harmony FX

Household & Proprietary Products	9800	9801	9802	9803	9804	9805	9806	9808	9809
85 Izal Bleach Citrus, Concentrated	U	U	U	U	U	U	U	U	U
86 Izal Bleach Citrus, Diluted (10% Solution)	U	U	U	U	U	U	U	U	U
88 Izal Disinfectant Pine, Concentrated	U	U	U	U	U	U	U	U	U
92 TCP Concentrated	U	U	U	U	U	U	U	U	U
93 Dettol Concentrated	U	U	U	U	U	U	U	U	U
94 Soap Solution (Deb 2000)	U	U	U	U	U	U	U	U	U
95 Detergent (Daz Automatic, 10% Solution)	U	U	U	U	U	U	U	U	U
96 Milk	U	U	U	U	U	U	U	U	U
97 Tea (black)	U	U	U	U	U	U	U	U	U
98 Coffee (black)	U	U	U	U	U	U	U	U	U
99 Petrol	U	U	U	U	U	U	U	U	U
100 White Spirit	U	U	U	U	U	U	U	U	U
101 Diesel Fuel	U	U	U	U	U	U	U	U	U
102 Mineral Oil (Singer)	U	U	U	U	U	U	U	U	U
103 Vegetable Oil	U	U	U	U	U	U	U	U	U
104 Anti Freeze (Bluecol)	U	U	U	U	U	U	U	U	U