

Resistance To Chemicals – Polysafe Apex

Date: May 2016

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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	Shade					
	4201	4202	4203	4204	4205	4206
Acetic Acid Glacial	U	U	U	U	U	U
Acetic Acid 50% Solution	U	U	U	U	U	U
Acetic Acid 10% Solution	U	U	U	U	U	U
Citric Acid 10% Solution	U	U	U	U	U	U
Hydrochloric Acid Concentrated	U	B	A	U	A	U
Hydrochloric Acid 50% Solution	U	U	U	U	U	U
Hydrochloric Acid 10% Solution	U	U	U	U	U	U
Lactic Acid Concentrated	U	U	U	U	U	U
Nitric Acid Concentrated	A	B	B	B	A	U
Nitric Acid 50% Solution	U	U	B	A	U	U
Nitric Acid 10% Solution	U	U	B	A	U	U
Oxalic Acid 10% Solution	U	U	U	U	U	U
Perchloric Acid 60% Solution	U	U	U	U	U	U
Phosphoric Acid Concentrated	U	B	U	A	A	A
Phosphoric Acid 50% Solution	U	U	U	U	A	A
Pyrogalllic Acid	C	B	B	C	C	C
Sulphuric Acid Concentrated	U	B	CE	U	A	U
Sulphuric Acid 50% Solution	U	U	U	U	U	U
Sulphuric Acid 10% Solution	U	U	U	U	U	U
Tannic Acid 10% Solution	U	U	U	U	A	U
Tartaric Acid 10% Solution	U	U	U	U	U	U
Absolute Alcohol	U	U	U	U	U	U
Amidol 10% Solution	C	B	A	C	B	C
Ammonia Solution 88	U	U	U	U	U	U
Ammonium Alum 10% Solution	U	U	U	U	U	U
Ammonium Bromide 10% Solution	U	U	U	U	U	U
Ammonium Carbonate 10% Solution	U	U	U	U	U	U
Ammonium Chloride 10% Solution	U	U	U	U	U	U
Ammonium Sulphate	U	U	U	U	U	U
Ammonium Thiocyanate 10% Solution	U	U	U	U	B	U
Calcium Chloride 10% Solution	U	U	U	U	U	U
Calgon 10% Solution	U	U	U	U	U	U
Catechol 10% Solution	C	B	A	B	C	C
Chrome Alum 10% Solution	U	U	U	U	U	U
Copper Sulphate 10% Solution	U	U	U	U	U	U
Ferric Ammonium Citrate 10% Solution	U	U	U	A	U	U
Glycerine	U	U	U	U	U	U

Chemical	Shade					
	4201	4202	4203	4204	4205	4206
Glycine 10% Solution	U	U	U	U	U	U
Hydrogen Peroxide 100%	U	U	U	U	U	U
Hydroquinone 10% Solution	A	A	U	A	A	U
Hydroxylamine Hydrochloride 10% Soln	U	U	U	U	U	U
Iodine 5% Soln In Potassium Iodide Soln	B	A	B	A	A	A
Iodine Alcoholic Solution	B	B	B	B	B	A
Iron Perchloride 10% Solution	U	U	U	U	U	U
Iron Sulphate 10% Solution	A	U	U	A	A	A
Magnesium Sulphate 10% Solution	U	U	U	U	U	U
Metol 10% Solution	B	A	U	C	C	A
Methylated Spirits 10% Solution	U	U	U	U	U	U
Paraformaldehyde	U	U	U	U	U	U
Potassium Bromide 10% Solution	U	U	U	U	U	U
Potassium Carbonate 10% Solution	U	U	U	U	U	U
Potassium Ferricyanide 10% Solution	U	U	U	U	U	U
Potassium Ferrocyanide 10% Solution	U	U	U	U	U	U
Potassium Hydroxide 10% Solution	U	U	U	U	U	U
Potassium Iodide 10% Solution	A	A	U	U	A	U
Potassium Metabisulphite 10% Solution	U	U	U	U	U	U
Potassium Oxalate 10% Solution	U	U	U	U	U	U
Potassium Permanganate 10% Solution	C	C	U	C	C	C
Potassium Thiocyanate 10% Solution	U	U	U	U	U	U
Silver Nitrate 10% Solution	B	C	U	A	C	B
Sodium Acetate 10% Solution	U	U	U	U	U	U
Sodium Bicarbonate 10% Solution	U	U	U	U	U	U
Sodium Bromide 10% Solution	U	U	U	U	U	U
Sodium Carbonate 10% Solution	U	U	U	U	U	U
Sodium Chloride 10% Solution	U	U	U	U	U	U
Sodium Hydroxide 10% Solution	U	U	U	U	U	U
Sodium Hypochlorite 10% Solution	U	U	U	U	U	U
Sodium Perborate 10% Solution	U	U	U	U	U	U
Sodium Phosphate 10% Solution	U	U	U	U	U	U
Sodium Sulphate 10% Solution	U	U	U	U	U	U
Sodium Sulphite 10% Solution	U	U	U	U	U	U
Sodium Thiosulphate 10% Solution	U	U	U	U	U	U

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Household Stains	Shade					
	4201	4202	4203	4204	4205	4206
1 Bleach (Asda thick)	U	U	U	U	U	U
2 Disinfectant (Asda Antiseptic Disinfectant)	U	U	U	U	U	U
3 Beetroot (Baxter's sliced)	U	U	U	U	U	U
4 Brown Sauce (Daddies)	U	U	U	U	U	U
5 Gravy Browning (Sarsen's)	U	U	U	U	U	U
6 Tomato Ketchup (Asda)	U	U	U	U	U	U
7 Tomato Puree (Asda)	U	U	U	U	U	U
8 Tomato Soup (Heinz Cream of)	U	U	U	U	U	U
9 Curry Sauce (Patak's Rogan Josh)	A	A	A	A	A	A
10 Ground Turmeric (Schwartz, 25% in water)	A	A	A	A	A	A
11 Grape, Blackcurrant & Raspberry Juice Drink (Vimto)	U	U	U	U	U	U
12 Ribena Original	U	U	U	U	U	U
13 Red Wine (Asda, Blossom Hill)	U	U	U	U	U	U
14 Malt Vinegar (Sarsen's)	U	U	U	U	U	U
15 Scratch Cover Pledge	U	U	U	U	U	U
16 Sudan Yellow Dye (0.5% in white spirit)	U	U	U	U	U	U
17 Shoe Polish (Kiwi, Dark Tan)	A	A	A	A	A	A
18 Toner (Dry, Black)	U	U	U	U	U	U
19 Gentian Violet	A	A	B	A	B	A
20 Bioguard Handsrub	U	U	U	U	U	U
21 Hibiscrub	U	U	U	U	U	U
22 Mediscrub	U	U	U	U	U	U
23 Softalind	U	U	U	U	U	U
24 Spirigel	U	U	U	U	U	U
25 Cement Paste	U	U	U	U	U	U
26 Milk	U	U	U	U	U	U
27 Soy Sauce	U	U	U	U	U	U
28 Turpentine	U	U	U	U	U	U
29 Sodium Lauryl Sulphate	U	U	U	U	U	U
30 Soap Solutions	U	U	U	U	U	U
31 Vegetable oil	U	U	U	U	U	U
32, Margarine	U	U	U	U	U	U
33, Olive Oil	U	U	U	U	U	U
34, Grease	U	U	U	U	U	U