

Resistance To Chemicals

Resistance to chemicals is tested over a 24 hour contact period at room temperature (ca.21°C), 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 - Appearance unchanged A - Slight stain B - Moderate stain C - Heavy stain E - Appearance as above plus slight surface disturbance

Chemical	Shade									
	1971	1972	1973	1974	1975	1976	1977	1978	1998	1999
Acetic Acid Glacial	U	U	U	U	U	U	U	U	U	U
Acetic Acid 50% Solution	U	U	U	U	U	U	U	U	U	U
Acetic Acid 10% Solution	U	U	U	U	U	U	U	U	U	U
Boric Acid 10% Solution	A	U	A	A	A	U	U	U	A	A
Citric Acid 10% Solution	U	U	U	U	U	U	U	U	U	U
Hydrochloric Acid Concentrated	U	U	U	U	U	U	U	U	U	U
Hydrochloric Acid 50% Solution	U	U	U	U	U	U	U	U	U	U
Hydrochloric Acid 10% Solution	U	U	U	U	U	UE	UE	UE	U	U
Lactic Acid Concentrated	U	U	U	U	U	U	U	U	U	U
Nitric Acid Concentrated	A	A	A	A	A	U	U	U	A	A
Nitric Acid 50% Solution	U	A	U	U	U	U	U	U	U	U
Nitric Acid 10% Solution	U	U	U	U	U	U	U	U	U	U
Oxalic Acid 10% Solution	U	U	U	U	U	U	U	U	U	U
Perchloric Acid 60% Solution	U	A	U	U	U	U	U	U	U	U
Phosphoric Acid Concentrated	U	U	U	U	U	U	U	U	U	U
Phosphoric Acid 50% Solution	U	U	U	U	U	U	U	U	U	U
Pyrogalllic Acid	U	U	U	U	U	U	U	U	U	U
Sulphuric Acid Concentrated	U	A	U	U	U	A	A	A	U	U
Sulphuric Acid 50% Solution	U	U	U	U	U	U	U	U	U	U
Sulphuric Acid 10% Solution	U	U	U	U	U	U	U	U	U	U
Tannic Acid 10% Solution	U	U	U	U	U	U	U	U	U	U
Tartaric Acid 10% Solution	U	U	U	U	U	U	U	U	U	U
Thioglycollic Acid Concentrated	UE	U	UE	UE	UE	A	A	A	UE	UE

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	1971	1972	1973	1974	1975	1976	1977	1978	1998	1999
Amidol 10% Solution	A	U	A	A	A	U	U	U	A	A
Ammonia Solution 88	U	U	U	U	U	U	U	U	U	U
Ammonium Alum 10% Solution	U	U	U	U	U	U	U	U	U	U
Ammonium Bichromate 10% Soln	U	U	U	U	U	U	U	U	U	U
Ammonium Bromide 10% Solution	U	U	U	U	U	U	U	U	U	U
Ammonium Carbonate 10% Soln	U	U	U	U	U	U	U	U	U	U
Ammonium Chloride 10% Solution	U	U	U	U	U	U	U	U	U	U
Ammonium Sulphate	U	U	U	U	U	U	U	U	U	U
Ammonium Thiocyanate 10% Soln	U	U	U	U	U	U	U	U	U	U
Borax 10% Solution	U	U	U	U	U	U	U	U	U	U
Calcium Chloride 10% Solution	U	U	U	U	U	U	U	U	U	U
Catechol 10% Solution	A	U	A	A	A	A	A	A	A	A
Chrome Alum 10% Solution	U	U	U	U	U	U	U	U	U	U
Copper Sulphate 10% Solution	U	B	U	U	U	U	U	U	U	U
Ferric Ammonium Citrate 10% Soln	U	U	U	U	U	U	U	U	U	U
Formaldehyde 50% Solution	U	U	U	U	U	U	U	U	U	U
Glycerine	U	U	U	U	U	U	U	U	U	U
Glycine 10% Solution	U	U	U	U	U	U	U	U	U	U
Hydrogen Peroxide 100%	U	U	U	U	U	U	U	U	U	U
Hydroquinone 10% Solution	A	B	A	A	A	U	U	U	A	A
Hydroxylamine Hydrochloride 10% Soln	U	U	U	U	U	U	U	U	U	U
Iodine 5% In Potassium Iodide Soln	B	B	B	B	B	A	A	A	B	B
Iodine Alcoholic Solution	C	C	C	C	C	C	C	C	C	C
Iron Perchloride 10% Solution	A	B	A	A	A	U	U	U	A	A
Iron Sulphate 10% Solution	U	U	U	U	U	U	U	U	U	U
Lead Acetate 10% Solution	U	U	U	U	U	U	U	U	U	U
Magnesium Sulphate 10% Solution	U	U	U	U	U	U	U	U	U	U
Metol 10% Solution	A	B	A	A	A	U	U	U	A	A

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	1971	1972	1973	1974	1975	1976	1977	1978	1998	1999
Mercuric Chloride 10%Solution	U	U	U	U	U	U	U	U	U	U
Paraformaldehyde 10% Solution	U	U	U	U	U	U	U	U	U	U
Phenol 10% Solution	UE	A	UE	UE	UE	A	A	A	UE	UE
Potassium Bromide 10% Solution	U	U	U	U	U	U	U	U	U	U
Potassium Carbonate 10% Solution	U	U	U	U	U	U	U	U	U	U
Potassium Dichromate 10% Soln	U	U	U	U	U	U	U	U	U	U
Potassium Ferricyanide 10% Soln	U	U	U	U	U	U	U	U	U	U
Potassium Ferrocyanide 10% Soln	U	U	U	U	U	U	U	U	U	U
Potassium Hydroxide 10% Solution	U	UE	U	U	U	U	U	U	U	U
Potassium Iodide 10% Solution	U	U	U	U	U	U	U	U	U	U
Potassium Metabisulphite 10% Soln	U	U	U	U	U	U	U	U	U	U
Potassium Oxalate 10% Solution	U	U	U	U	U	U	U	U	U	U
Potassium Permanganate 10% Soln	C	C	C	C	C	A	A	A	C	C
Potassium Thiocyanate 10% Soln	A	U	A	A	A	U	U	U	A	A
Silver Nitrate 10% Solution	U	U	U	U	U	U	U	U	U	U
Sodium Acetate 10% Solution	U	U	U	U	U	U	U	U	U	U
Sodium Bicarbonate 10% Solution	U	U	U	U	U	U	U	U	U	U
Sodium Bromide 10% Solution	U	U	U	U	U	UE	UE	UE	U	U
Sodium Carbonate 10% Solution	U	UE	U	U	U	U	U	U	U	U
Sodium Chloride 10% Solution	U	U	U	U	U	U	U	U	U	U
Sodium Hydroxide 10% Solution	UE	UE	UE	UE	UE	A	A	A	UE	UE
Sodium Hypochlorite 10% Solution	U	U	U	U	U	U	U	U	U	U
Sodium Perborate 10% Solution	U	U	U	U	U	U	U	U	U	U
Sodium Phosphate 10% Solution	U	U	U	U	U	U	U	U	U	U
Sodium Sulphate 10% Solution	U	U	U	U	U	U	U	U	U	U
Sodium Sulphite 10% Solution	U	U	U	U	U	U	U	U	U	U
Sodium Thiosulphate 10% Solution	U	U	U	U	U	UE	UE	UE	U	U

Resistance To Chemicals

Household and Proprietary Products	Shade									
	1971	1972	1973	1974	1975	1976	1977	1978	1998	1999
Izal Concentrated	A	A	A	A	A	A	A	A	A	A
Izal Diluted	U	U	U	U	U	U	U	U	U	U
Pine Concentrated	U	U	U	U	U	U	U	U	U	U
TCP Concentrated	U	U	U	U	U	U	U	U	U	U
Dettol Concentrated	U	U	U	U	U	U	U	U	U	U
Soap Solutions	U	U	U	U	U	U	U	U	U	U
Milk	U	U	U	U	U	U	U	U	U	U
Tea	U	U	U	U	U	U	U	U	U	U
Coffee	U	U	U	U	U	U	U	U	U	U
White Spirit	U	U	U	U	U	U	U	U	U	U
Diesel Fuel	U	U	U	U	U	U	U	U	U	U
Mineral Oil	U	U	U	U	U	U	U	U	U	U
Vegetable Oil	U	U	U	U	U	U	U	U	U	U
Anti Freeze (Bluecol)	U	U	U	U	U	U	U	U	U	U

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

Chemical	Shade									
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Acetic Acid Glacial	U	U	U	U	U	U	U	U	U	U
Acetic Acid 50% Solution	U	U	U	U	U	U	U	U	U	U
Acetic Acid 10% Solution	U	U	U	U	U	U	U	U	U	U
Boric Acid 10% Solution	A	A	A	A	A	A	A	A	U	U
Citric Acid 10% Solution	U	U	U	U	U	U	U	U	U	U
Hydrochloric Acid Concentrated	U	U	U	U	U	U	U	U	U	U
Hydrochloric Acid 50% Solution	U	U	U	U	U	U	U	U	U	U
Hydrochloric Acid 10% Solution	U	U	U	U	U	U	U	U	UE	UE
Lactic Acid Concentrated	U	U	U	U	U	U	U	U	U	U
Nitric Acid Concentrated	A	A	A	A	A	A	A	A	U	U
Nitric Acid 50% Solution	U	U	U	U	U	U	U	U	U	U
Nitric Acid 10% Solution	U	U	U	U	U	U	U	U	U	U
Oxalic Acid 10% Solution	U	U	U	U	U	U	U	U	U	U
Perchloric Acid 60% Solution	U	U	U	U	U	U	U	U	U	U
Phosphoric Acid Concentrated	U	U	U	U	U	U	U	U	U	U
Phosphoric Acid 50% Solution	U	U	U	U	U	U	U	U	U	U
Pyrogalllic Acid	U	U	U	U	U	U	U	U	U	U
Sulphuric Acid Concentrated	U	U	U	U	U	U	U	U	A	A
Sulphuric Acid 50% Solution	U	U	U	U	U	U	U	U	U	U
Sulphuric Acid 10% Solution	U	U	U	U	U	U	U	U	U	U
Tannic Acid 10% Solution	U	U	U	U	U	U	U	U	U	U
Tartaric Acid 10% Solution	U	U	U	U	U	U	U	U	U	U
Thioglycollic Acid Concentrated	UE	UE	UE	UE	UE	UE	UE	UE	A	A

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Chemical	Shade									
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Amidol 10% Solution	A	A	A	A	A	A	A	A	U	U
Ammonia Solution 88	U	U	U	U	U	U	U	U	U	U
Ammonium Alum 10% Solution	U	U	U	U	U	U	U	U	U	U
Ammonium Bichromate 10% Soln	U	U	U	U	U	U	U	U	U	U
Ammonium Bromide 10% Solution	U	U	U	U	U	U	U	U	U	U
Ammonium Carbonate 10% Soln	U	U	U	U	U	U	U	U	U	U
Ammonium Chloride 10% Solution	U	U	U	U	U	U	U	U	U	U
Ammonium Sulphate	U	U	U	U	U	U	U	U	U	U
Ammonium Thiocyanate 10% Soln	U	U	U	U	U	U	U	U	U	U
Borax 10% Solution	U	U	U	U	U	U	U	U	U	U
Calcium Chloride 10% Solution	U	U	U	U	U	U	U	U	U	U
Catechol 10% Solution	A	A	A	A	A	A	A	A	A	A
Chrome Alum 10% Solution	U	U	U	U	U	U	U	U	U	U
Copper Sulphate 10% Solution	U	U	U	U	U	U	U	U	U	U
Ferric Ammonium Citrate 10% Soln	U	U	U	U	U	U	U	U	U	U
Formaldehyde 50% Solution	U	U	U	U	U	U	U	U	U	U
Glycerine	U	U	U	U	U	U	U	U	U	U
Glycine 10% Solution	U	U	U	U	U	U	U	U	U	U
Hydrogen Peroxide 100%	U	U	U	U	U	U	U	U	U	U
Hydroquinone 10% Solution	A	A	A	A	A	A	A	A	U	U
Hydroxylamine Hydrochloride 10% Soln	U	U	U	U	U	U	U	U	U	U
Iodine 5% In Potassium Iodide Soln	B	B	B	B	B	B	B	B	A	A
Iodine Alcoholic Solution	C	C	C	C	C	C	C	C	C	C
Iron Perchloride 10% Solution	A	A	A	A	A	A	A	A	U	U
Iron Sulphate 10% Solution	U	U	U	U	U	U	U	U	U	U
Lead Acetate 10% Solution	U	U	U	U	U	U	U	U	U	U
Magnesium Sulphate 10% Solution	U	U	U	U	U	U	U	U	U	U
Metol 10% Solution	A	A	A	A	A	A	A	A	U	U

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Chemical	Shade									
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Mercuric Chloride 10%Solution	U	U	U	U	U	U	U	U	U	U
Paraformaldehyde 10% Solution	U	U	U	U	U	U	U	U	U	U
Phenol 10% Solution	UE	UE	UE	UE	UE	UE	UE	UE	A	A
Potassium Bromide 10% Solution	U	U	U	U	U	U	U	U	U	U
Potassium Carbonate 10% Solution	U	U	U	U	U	U	U	U	U	U
Potassium Dichromate 10% Soln	U	U	U	U	U	U	U	U	U	U
Potassium Ferricyanide 10% Soln	U	U	U	U	U	U	U	U	U	U
Potassium Ferrocyanide 10% Soln	U	U	U	U	U	U	U	U	U	U
Potassium Hydroxide 10% Solution	U	U	U	U	U	U	U	U	U	U
Potassium Iodide 10% Solution	U	U	U	U	U	U	U	U	U	U
Potassium Metabisulphite 10% Soln	U	U	U	U	U	U	U	U	U	U
Potassium Oxalate 10% Solution	U	U	U	U	U	U	U	U	U	U
Potassium Permanganate 10% Soln	C	C	C	C	C	C	C	C	A	A
Potassium Thiocyanate 10% Soln	A	A	A	A	A	A	A	A	U	U
Silver Nitrate 10% Solution	U	U	U	U	U	U	U	U	U	U
Sodium Acetate 10% Solution	U	U	U	U	U	U	U	U	U	U
Sodium Bicarbonate 10% Solution	U	U	U	U	U	U	U	U	U	U
Sodium Bromide 10% Solution	U	U	U	U	U	U	U	U	UE	UE
Sodium Carbonate 10% Solution	U	U	U	U	U	U	U	U	U	U
Sodium Chloride 10% Solution	U	U	U	U	U	U	U	U	U	U
Sodium Hydroxide 10% Solution	UE	UE	UE	UE	UE	UE	UE	UE	A	A
Sodium Hypochlorite 10% Solution	U	U	U	U	U	U	U	U	U	U
Sodium Perborate 10% Solution	U	U	U	U	U	U	U	U	U	U
Sodium Phosphate 10% Solution	U	U	U	U	U	U	U	U	U	U
Sodium Sulphate 10% Solution	U	U	U	U	U	U	U	U	U	U
Sodium Sulphite 10% Solution	U	U	U	U	U	U	U	U	U	U
Sodium Thiosulphate 10% Solution	U	U	U	U	U	U	U	U	UE	UE

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Household and Proprietary Products	Shade									
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Izal Concentrated	A	A	A	A	A	A	A	A	A	A
Izal Diluted	U	U	U	U	U	U	U	U	U	U
Pine Concentrated	U	U	U	U	U	U	U	U	U	U
TCP Concentrated	U	U	U	U	U	U	U	U	U	U
Dettol Concentrated	U	U	U	U	U	U	U	U	U	U
Soap Solutions	U	U	U	U	U	U	U	U	U	U
Milk	U	U	U	U	U	U	U	U	U	U
Tea	U	U	U	U	U	U	U	U	U	U
Coffee	U	U	U	U	U	U	U	U	U	U
White Spirit	U	U	U	U	U	U	U	U	U	U
Diesel Fuel	U	U	U	U	U	U	U	U	U	U
Mineral Oil	U	U	U	U	U	U	U	U	U	U
Vegetable Oil	U	U	U	U	U	U	U	U	U	U
Anti Freeze (Bluecol)	U	U	U	U	U	U	U	U	U	U