

ULTRASWITCH

CHEMICAL RESISTANCE CHART

Our products can be exposed to a huge variety of chemicals. The data table below is an application guide, and indicates the resistance of the specific thermoplastics we use in the construction of our products, to common chemicals. The data given should be used cautiously, and as a guide only. Various factors such as concentration, exposure time, temperature and internal mechanical stress levels will all impact on the working life of our plastic parts. Use the tables conservatively and if any doubt exists, do not proceed with the application.

In the table below, **U** indicates unsuitable and **S** indicates suitable. Spaces indicate that no data is available. When unsuitable is shown, the component may immediately fail or an unacceptably short operating life can be expected from the component. Where suitable is indicated, given no extraneous factors are in play, a reasonable operating life can be expected from the component.

PP indicates Polypropylene; **PVC** indicates Poly Vinyl Chloride; **ABS** indicates Acrylonitrile-Butadiene-Styrene.

Reagent	PP	PVC	ABS	Reagent	PP	PVC	ABS
1-Bromobutane		U	U	Anodex NP-2®+F185			S
1-Bromohexane		U	U	Aqua Regia	U	U	
1-Butanethiol		U	U	Arsenic acid	S	U	U
1-Chlorobutane		U	U	Beef Gravy	S	S	S
1-Octanethiol		U	U	Beer	S	S	S
2, 4-Lutidine			U	Beer (over 3.2% alcohol)	S	S	S
2-6 Dimethyl-4-Heptanone			U	Beet juice	S	S	S
2-Butoxyethanol		S	S	Benoyl chloride			
2-Chloroethanol			U	Benzaldehyde	S	S	
2-Ethoxyethanol			U	Benzaldehyde Conc.		U	U
2-Ethylbutyric acid			S	Benzaldehyde, 10% (in Isopropanol)			U
2-Methoxyethanol			U	Benzene	U	U	U
2-Phenoxyethanol			U	Benzoic acid	S	S	S
Acetaldehyde		U	U	Benzonitrile			U
Acetic Acid (100%)	S	U		Benzyl acetate			U
Acetic acid conc.	S	S	U	Benzyl alcohol	S	S	U
Acetic acid, 1%, 30 days, 40°C	S	S	S	Benzyl benzoate			U
Acetic acid, 1%, 30 days	S	S	S	Benzyl chloride	U	U	U
Acetic acid, 25%, 30 days	S	S	S	Benzyl ether			U
Acetic acid, 25%, 30 days, 60°C	S	S	U	Bitumens	S	S	S
Acetic acid, 5%, 3 days	S	S	S	Bluing	S	S	S
Acetic acid, 50%, 30 days	S	S	S	Body-Sheen® Auto Polish	S	S	S
Acetic acid, 50%, 30 days, 60°C	S	S	U	Borax	S	S	S
Acetic acid, glacial	S		U	Boric acid	S	S	S
Acetic anhydride			U	Bromhydric acid	S	S	S
Acetone	S	U	U	Bromine	U	U	U
Acetone (anhydrous)			U	Bromine water, saturated	U	U	U
Acetone, 10%	S	S	S	Bromine, damp	U	U	U
Acetonitrile	S		U	Bromine, liquid	U	U	U
Acetonitrile	S			Bromoethane	U	U	U
Acetophenone			U	Butadiene	U	S	
Acetyl chloride		U	U	Butane	S	S	S
Acetylene	S	U		Butane, liquid	S	S	S
a-Chloronaphthalene			U	Butter	S	S	S
Acrylonitrile				Butyl acetate	U	U	U
Aero Wax®	S	S	S	Butyl alcohol	S	S	S
Allyl alcohol	S	U	U	Butyl butyrate			U
Allyl chloride	S	S	S	Butyl carbitol, 30 days			S
Alodine 1200T®	S	S	S	Butyl ether			U
Aluminium chloride	S	S	S	Butyrate Film, 3 days, 70°C			S
Aluminium fluoride	S	S	S	Butyric acid	S	U	U
Aluminium hydroxide	S	S	S	Butyric anhydrous			U
Aluminium Sulfate, 25%	S	S	S	Butyryl chloride			U
a-Methyl naphthalene			U	Caffein Sat. Sol., 30 days	S	S	S
Ammonia (30%)	S	S	S	Caffein Sat. Sol., 30 days, 60°C	S	S	S
Ammonia (Aq.)	S	S	S	Calcium bisulphite	S	S	S
Ammonia gas			S	Calcium carbonate (chalk)	S	S	S
Ammonium acetate	S	S	S	Calcium chloride (Aq.)	S	S	S
Ammonium carbonate	S	S	S	Calcium chloride in alcohol	S	S	S
Ammonium chloride	S	S	S	Calcium chloride, 25%	S	S	S
Ammonium fluoride	S	S	S	Calcium hydroxide	S	S	S
Ammonium hydroxide	S	S	S	Calcium hypochlorite	S	S	S
Ammonium nitrate (fertilizer)	S	S	S	Calcium oxide, Sat. Sol.	S	S	S
Ammonium phosphate (fertilizer)	S	S	S	Calcium oxide, Sat. Sol., 30 days, 60°C	S	U	U
Ammonium sulphate (fertilizer)	S	S	S	Calcium sulfate, 25% sol.	S	S	S
Ammonium sulphide	S	S	S	Camay® Soap, 3 days	S	S	S
Amyl acetate	U	U	U	Camphor	S	U	U
Amyl alcohol	S	S	S	Camphor, 30 days	S	U	U
Amyl chloride	S	U	U	Carbon bisulphide	S	U	U
Aniline	S	U	U	Carbon disulphide	S	S	S
Anisidine			U	Carbon tetrachloride	U	U	U
Anisole ether		U	U	Carbonic acid	S	S	S

Reagent	PP	PVC	ABS
Catsup, 30 days	S	S	S
Cellulose acetate	S	S	S
Chloracetic acid	S	S	S
Chloral			U
Chlordane [®] , 30 days			U
Chloric acid (10%)	S	S	S
Chlorinated Hydrocarbons			U
Chlorine gas, dry	U	U	
Chlorine gas, wet	U	S	U
Chlorine, aqueous	U	U	
Chlorobenzene	S	U	U
Chlorobromomethane			
Chloroethanol	S		
Chloroform (Trichloromethane)	U	U	U
Chloropropane			U
Chlorosulfonic acid	U	U	U
Chlorox [®] Bleach	S	S	S
Chlorox [®] Bleach, 30 days, 60°C	S	S	S
Chromic acid (50%)	S	S	S
Chromic acid, 30%	S	S	S
Chromic anhydride	S	S	S
Cineole			U
Cinnamaldehyde			U
Citraconic anhydride			U
Citric acid	S	S	S
Citric acid, 25%	S	S	S
Clophene	S	U	U
Coca-Cola [®] syrup Conc.	S	S	S
Cod Liver Oil	S	S	S
Cod Liver Oil, 30 days, 60°C	S	S	S
Colloidal Sulfur	S	S	S
Colloidal Sulfur, 30 days, 60°C	S	S	S
Copper chloride	S	S	S
Copperfluoride	U	S	S
Corn Oil	S	S	S
Corn Oil, 30 days	S	S	S
Corn Oil, 30 days, 60°C	S	S	S
Cottonseed Oil, 30 days	S	S	S
Cottonseed Oil, 30 days, 60°C	S	S	S
Creosote	S	U	U
Cresol (o-, m-, p-Methylphenol)	S	U	U
Crisco [®] , 30 days	S	S	S
Crisco [®] , 6 months	S	S	S
Cupric chloride, 25%	S	S	S
Cupric sulfate, 25%	S	S	S
Cyanic acid	S	S	S
Cyclohexane	S	S	S
Cyclohexanol	S	U	S
Cyclohexanone	S	U	U
Cyclohexylamine		U	U
Dakin's [®] Deodorant	S	S	S
Decalin	U	S	S
Decyl alcohol	S	S	S
Detergent-Joy [®] , 5%	S	S	S
Dextrin	S	S	S
Dibutyl ether	U	U	U
Dibutyl phtalate	S	U	U
Dibutyl sebacate	S	U	U
Dibutylamine		U	U
Dichloroacetic acid	S	U	U
Dichlorobenzene	U	U	U
Dichloroethylene	U	S	S
Diethanolamine	S	S	S
Diethanolamine, 30 days	S	S	S
Diethanolamine, 30 days, 60°C	S	S	S
Diethyl carbonate			U
Diethyl ether	U	U	U
Diethyl ketone		U	U
Diethyl Phthalate		U	U
Diethylamine	-	U	U
Diethylene glycol	S	S	S
Diethylketone			
Diisobutylketone	S	U	U
Dimethyl ether	S	S	U
Dimethyl formamide	S	U	U
Dimethyl phtalate	S	U	U
Dimethyl sulfite			U
Dimethylamine	S	U	
Diocetyl phtalate	S	U	
Dioxane	U	U	U
Dipentene			
Diphenyl ether	S		

Reagent	PP	PVC	ABS
Diphenylamine, 30 days			S
Diphenylamine, 30 days, 60°C			U
Dipropylene glycol	U	U	
Dowicide B [®] Powder, 30 days	S	S	S
Dowicide B [®] Powder, 30 days, 60°C	S	S	U
Drip Mirbane [®] Deodorant	S	S	S
Drip Nectar [®] Deodorant	S	S	S
Epibond #123 [®] Epoxy cement	S	S	S
Esquire Scuff Kote [®] Black, 6 months	S	S	S
Ethanethiol			U
Ethanol (denatured)			U
Ethyl acetate	S	U	U
Ethyl acetoacetate		U	U
Ethyl alcohol	S	S	S
Ethyl alcohol, 50%	S	S	S
Ethyl chloroacetate			U
Ethyl ether	U	U	U
Ethyl glycol	S	U	U
Ethyl salicylate		U	U
Ethylene chloride	U	U	U
Ethylene chloride	U	U	U
Ethylene diamine	S	U	U
Ethylene dichloride		U	U
Ethylene glycol	S	S	S
Ethylene glycol, 30 days, 60°C			S
Ethylene oxide (-20°C)	U	U	U
Fat (vegetable oil)	S	S	S
Fat acids (sup. A C6)	U	S	S
Ferric chloride	S	S	S
Ferrous chloride	S	S	S
Ferrous sulfate, 25%	S	S	S
Fertilizer – Liquinox [®] , 30 days	S	S	S
Fluorine (dry)	U	U	U
Formaldehyde	S	S	S
Formaldehyde, 30%, 30 days	S	S	S
Formamide	S	S	S
Formic acid	S	U	U
Freon 11 (Monofluorotrichloromethane)	U	S	U
Freon 11/Ethanol (50/50)	U	U	U
Freon 11/Freon 12 (50/50)	U	U	U
Freon 113 (Trifluorotrichloroethane)	U	S	U
Freon 114	U		U
Freon 114/Ethanol (50/50)	U		S
Freon 12 (Dichlorodifluoromethane)	U	S	S
Freon 12/Ethanol (50/50)	U		U
Freon 12/Freon 114 (35/65)	U		S
Freon 12/Freon 114/Ethanol (17.5/32.5/50)	U		U
Freon 22 (Monochlorodifluoromethane)	U	S	
Fruit juices	S	S	S
Fuel (household)	S	S	S
Furfuryl alcohol	S	U	U
G.E. Detergent Blend	S	S	S
Gasoline	S	S	S
Gasoll	U	S	S
Ginger Ale	S	S	S
Glacial Acetic acid			U
Glo-Coat [®] Floor Polish	S	S	S
Glucose	S	S	S
Glucose, 30%, 30 days	S	S	S
Glucose, 30%, 30 days, 60°C	S	S	S
Glycerin, 30 days	S	S	S
Glycerin, 30 days, 60°C	S	S	S
Glycerine/Glycerol	S	S	S
Glycine, Powder, 30 days	S	S	S
Glycine, Powder, 30 days, 60°C	S	S	S
Glycolic acid	S	S	S
Grape juice	S	S	S
Grapefruit juice, 30 days	S	S	S
Gun Cleaner, Hoppe's #9 [®] , 60 days	S	S	U
Haemo-Sol [®]	S	S	S
Hand Cleaner – Hammon's Waterless [®] , 60 days	S	S	S
Heptane	S	S	S
Heptane, 30 days	S	S	S
Hexachlorophene	S	S	S
Hexafluoracetonesesquihydrate			
Hexane	S	S	U
Hexyl ether	S		U
Hexylalcohol (Hexanol)	S	S	
Honey	S	S	S
Horseradish	S	S	S
Hydrobromic acid (Bromic acid) 50%	S	S	S
Hydrochloric acid (conc.)	S	S	S

Reagent	PP	PVC	ABS
Hydrochloric acid, 10% (Vol.), 3 months	S	S	S
Hydrochloric acid, 30 days	S	S	S
Hydrochloric acid, 50% (Vol.), 30 days	S	S	S
Hydrochloric acid, 50% (Vol.), 30 days, 60°C	S	U	U
Hydrofluoric acid (dil.)	S	S	S
Hydrofluoric acid, 48%	S	S	U
Hydrofluorosilicic acid, 25%	S	S	S
Hydrogen	S	S	S
Hydrogen peroxide, 3%	S	S	S
Hydrogen peroxide, 30%	S	S	S
Hydrogen phosphide	S	S	S
Hydrogen sulfide	S	S	S
Hydroiodic acid			
Insect Repellant (Liquid 6-12) [®]	S	S	S
Iodine (dry)	S	U	U
Iodine (Tincture, U.S.P.), 30 days			U
Iodine (wet)	S	S	
Iodoform	S		
Isoamyl acetate			U
Isobutyl acetate		U	
Isobutyl alcohol (Isobutanol)	S	S	S
Isobutyronitrile			U
Isopropanol			S
Isopropyl acetate	U	U	U
Isopropyl alcohol (Isopropanol)	S	S	
Isopropyl ether	U	S	
Isopropylamine			U
Javelle water	S	S	S
Johnson's Holiday [®] Car Cream, 60 days	S	S	S
Joy [®]	S	S	S
Kerosene	S	S	S
Kerosene, 30 days	S	S	S
Kraft [®] Salad Oil, 6 months	S	S	S
Lactic acid (conc.)	S	U	U
Lanoline	S	U	U
Lard, 30 days	S	S	S
Laughing gas (Nitrous oxide)	S	S	S
Lauric alcohol			
Lead acetate	S	S	S
Lemon juice	S	S	S
Light process oil, 30 days	S	S	S
Light process oil, 30 days, 60°C	S	S	S
Lighter fluid (Naphtha), 3 months	S	S	S
Linseed Oil (Boiled), 30 days	S	S	S
Linseed Oil (Boiled), 30 days, 60°C	S	S	S
Linseed Oil (Raw), 30 days	S	S	S
Linseed Oil (Raw), 30 days, 60°C	S	S	S
Liquid Wrench [®]			U
Lucite [®] (Surface contact)	S	S	S
Lysol [®] , 30 days	S	U	U
Magnesium chloride	S	S	S
Magnesium hydroxide	S		
Maid of Honor [®] Cream Furniture Polish, 60 days	S	S	S
Maid of Honor [®] Self-Polishing Wax, 60 days	S	S	S
Maleic acid	S	S	S
Margarine, 30 days	S	S	S
Mayonnaise, 30 days	S	S	S
Mazola [®] Corn Oil, 6 months	S	S	S
m-Cresol			U
Menthol	S		
Mercurachrome (2%)	S	S	S
Mercuric chloride	S	S	S
Mercuric nitrate	S	S	S
Mercury	S	S	S
Mesityl Oxide			U
Metex T-103 [®]			U
Methane	S	S	S
Methanol			U
Methoxybutanol			
Methyl acetate	S	U	U
Methyl alcohol	S	S	
Methyl benzoate			U
Methyl bromide	U	U	
Methyl dichloroacetate	S	S	
Methyl ethyl ketone	S		U
Methyl isobutyl ketone	S	U	U
Methyl laurate	S		U
Methylacetophenone	S		U
Methylal (Conc. Formaldehyde)	S		U
Methylamine	S	U	
Methylchloride	-	U	
Methylene chloride	U	U	

Reagent	PP	PVC	ABS
Methylethylketone	S	U	
Methylglycol	S	S	
Methylisobutylic acid	S	U	U
Methylmonochloracetate	S	S	
Methylsulfuric Acid	U	S	
Midland [®] Imitation Vanilla Flavouring	S	S	S
Milk	S	S	S
Mineral Spirits, 18 months	S	S	S
m-Nitrotoluene			U
Morpholine	S	U	
Moth Flakes, 30 days	S	S	S
Moth Flakes, 30 days, 60°C	S	S	U
Motor Oil, 6 months	S	S	S
Mrs Butterworth [®] Maple syrup, 6 months	S	S	S
Mustard	S	S	S
N, N-Diethyl-m-Toluidine			U
N, N-Dimethylaniline			U
Naphta	S	S	
Naphtalene		U	
Naphtha (Lighter fluid), 3 months	S	S	S
Naphtha (VM & P), 30 days	S	S	S
Natural gas	S	S	S
N-Ethylaniline			U
Nitric acid (conc.)	U	U	U
Nitric acid (fuming)	U	U	U
Nitric acid 20% (Vol.), 30 days	S	S	S
Nitric acid 20% (Vol.), 30 days, 60°C	S	S	U
Nitric anhydride		U	U
Nitrobenzene	S	U	U
Nitrogen	S	S	S
Nitroglycerine		U	
Nitromethane		U	U
Nitrotoluene	S		
Nu-Soft [®] Fabric softener, 6 months	S	S	S
O-Cedar [®] All-purpose polish, 2 months	S	S	S
o-Chloro-benzaldehyde		U	
Octane	S	S	S
Octanoic acid	S	S	S
Octanoyl chloride			U
Octyl cresol	U		
o-Dichlorobenzene			U
Oil – Light machine	S	S	S
Oil (crude)	S	S	S
Oil (Lavender-)	S	S	S
Oil (Mineral-)	S	S	S
Oil (Ricinus-)	S	S	S
Oil (Silicone-)	S	S	S
Oil (Transformer-)	U	S	S
Oil (Turpentine-)	U	S	S
Oil (Vaseline)	S	S	S
Oil (Vegetable-)/Fats	S	S	S
Oil-Food Club [®] , Cooking, 6 months	S	S	S
Oleic acid	S	S	S
Oleic acid, 30 days	S	S	S
Oleic acid, 30 days, 60°C	S	S	S
Orange juice	S	S	S
Oxalic acid	S	S	S
Oxygen	S	S	S
Ozon	U	S	S
Palmitic acid		S	S
Paraffin, 30 days	S	S	S
p-Cymene			U
Pentane			U
Pentene			U
Pentylamine			U
Perchloroethylene			U
Perchloric acid	S	S	
Perchloroethylene	U	U	
Petrol	S	S	S
Petrol, normal	U	S	S
Petrol, super	U	U	U
Petroleum ether	S	S	S
Petroleum jelly, 30 days	S	S	S
Petroleum jelly, 30 days, 60°C	S	S	S
Phenethyl alcohol			U
Phenol	S	U	U
Phenol, 5% Sol.			U
Phenylacetoneitrile			U
Phenylethyl alcohol	S	U	
Phosgen (liquid)	U	U	
Phosphoric acid	S	S	S
Phosphoric acid, 30 days			S

Reagent	PP	PVC	ABS
Phosphoric acid, 30 days, 60°C			U
Phosphorous trichloride	S		
Phtalic acid	S		
Phthaloyl chloride			U
Picric acid		U	
Piperidine			U
Pipetite® Joint Sealer #1			U
Pipetite® Joint Sealer #2			U
Pipetite® Joint Sealer #5			U
Pipetite® Joint Sealer #6			S
Potassium acetate	S	S	
Potassium bicarbonate, 25%	S	S	S
Potassium bichromate	S	S	S
Potassium bromate	S	S	S
Potassium bromide	S	S	S
Potassium carbonate (Potash)	S	S	S
Potassium chloride, 25%	S	S	S
Potassium cyanide	S	S	S
Potassium hydroxide	S	S	S
Potassium Hydroxide – Sat. Sol., 30 days	S	S	S
Potassium Hydroxide – Sat. Sol., 30 days, 60°C	S	S	S
Potassium Hydroxide, 1%, 30 days	S	S	S
Potassium Hydroxide, 1%, 30 days, 60°C	S	S	S
Potassium Hydroxide, 30 days	S	S	S
Potassium Hydroxide, 30 days, 160°C	S	S	S
Potassium hypochloride	S	S	S
Potassium nitrate	S	S	S
Potassium perchlorate	S	S	S
Potassium permanganate (10%)	S	S	S
Potassium Permanganate, (Sat. Sol.), 30 days	S	S	S
Potassium persulphate	S	S	S
Potassium sulphate	S	S	S
Potassiumaluminium sulphate	S	S	S
p-Phenetidine			U
Pride® Furniture Polish	S	S	S
Propane (liquid)	S	S	S
Propionic acid	S	S	U
Propyl acetate		U	
Propyl alcohol	S	U	
Propylene glycol		S	S
Pyridine	U	U	
Pyrogaliol			
Red copper oxide	S	S	S
Red copper oxide, 30 days, 60°C	S	S	S
Rescorcin		S	S
Ricinusoil	S	S	S
Ridolene 820®, 1 hour	S	S	S
Root Beer, 30 days	S	S	S
Royal Crown® Cola, 30 days	S	S	S
Safrole			U
Salicylaldehyde			U
Saniflush® Liquid Bowl Cleaner, 60 days	S	S	S
Shell Sol®	S	S	S
Shelltox® Insecticide	S	S	S
Shoe Polish – Griffin All White®, 6 months	S	S	S
Silicic acid	S	S	S
Silver nitrate	S	S	S
Simoniz® Vinyl Floor Wax, 60 days	S	S	S
Skydrol 500®			U
Skydrol 700®			U
Sodium acetate		U	
Sodium bicarbonate	S	S	S
Sodium bicarbonate Sol., 30 days	S	S	S
Sodium bicarbonate Sol., 30 days, 60°C	S	S	S
Sodium bisulfate, 6.5%	S	S	S
Sodium bisulphate	S	S	S
Sodium bisulphite	S	S	S
Sodium carbonate	S	S	S
Sodium carbonate, 25%	S	S	S
Sodium chloride	S	S	S
Sodium chloride Sol., 30 days	S	S	S
Sodium chloride Sol., 30 days, 60°C	S	S	S
Sodium cyanide			
Sodium hydroxide	S	S	S
Sodium hydroxide, 25%	S	S	S
Sodium hypochlorite	S	S	S
Sodium nitrite	S	S	S
Sodium peroxide			
Sodium phosphate	S	S	S

Reagent	PP	PVC	ABS
Sodium silicate	S	S	S
Sodium sulfate 0.1 N, 3 days	S	S	S
Sodium sulphide	S	S	S
Sodium sulphite	S	S	S
Sodium thiosulphate	S	S	S
Spirituous liquor	S	S	S
Spry® Cooking fat, 6 months	S	S	S
Sta-Puf® Fabric Softener, 6 months	S	S	S
Stearic acid	S	S	S
Stoddard's Solvent®, 30 days	S	S	S
Styrene	U		
Sulfur dioxide – moist			U
Sulfuric acid conc.			U
Sulfuric acid, 15%, 30 days	S	S	S
Sulfuric acid, 15%, 30 days, 60°C	S	S	S
Sulfuric acid, 50%, 30 days	S	S	S
Sulfuric acid, 50%, 30 days, 60°C	S	U	U
Sulphur	S	S	S
Sulphur dichloride	S	S	S
Sulphur dioxide	S	S	S
Sulphur trioxide	U	U	U
Sulphuric acid (10%)	S	S	S
Sulphuric acid (60%)	S	S	S
Sulphuric acid (95%)	U	S	S
Sulphuric acid (fuming)	U	U	U
Sulphuric acid 1 H2O (97.9 – 99%)	U	U	U
Sulphuryl chloride	U		
Syrup, Simple Sugar	S	S	S
Taloco® Gum Turpentine, 4 months	S	S	S
Tannic acid	S	S	S
Tar	S	S	S
Tartaric acid	S	S	S
Tetrabromethane		U	
Tetrachloroethylene	U	U	U
Tetrahydroflurane			U
Tetrahydronaptalene	S	U	
Thionyl chloride	U	U	
Thiophene	U	U	
Tide® detergent, 2%	S	S	S
Toluene	U	U	U
Toluene	U	U	U
Tom Thumb® Dill Pickle juice	S	S	S
Tomato juice	S	S	S
Tributyl phosphate/Triethyl phosphate		U	
Trichloroacetic acid	S		
Trichlorobenzene			U
Trichloroethene	U	U	
Trichloroethylene	U	U	U
Trichloropropane			U
Tricotyl phosphate	S	U	
Triethanolamine	S	U	S
Triethanolamine, 30 days	S	S	S
Triethanolamine, 30 days, 60°C	S	S	S
Triethylamine	S	S	S
Triethylene glycol, 30 days	S	S	S
Triethylene glycol, 30 days, 60°C	S	S	S
Trisodium Phosphate (Oakite®)	S	S	S
Turtle Wax® Auto Polish	S	S	S
Ucon M-1® Hydraulic fluid, 7 days, 70°C	S	S	S
Urea	S	S	S
Uric acid, 30 days	S	S	S
Urine	S	S	S
Vanilla extract, 30 days	S	S	S
Vinegar	S	S	S
Vinyl acetate	S	S	
Vinyl chloride			
Viscose Sol. (6.5% NaOH + 3% CS2)	S	S	S
Water	S	S	S
Water (sea)	S	S	S
Water (source)	S	S	S
Water with carbon dioxide	S	S	S
White Monday® Bleach	S	S	S
Wine	S	S	S
Wisk® Detergent, 60 days	S	S	S
Xerox Film Remover	S	S	S
Xylene	U	U	U
Zephiran Chloride	S	S	S
Zinc chloride	S	S	S