

LEIGHS PAINTS
DURAGLASS 41v
CHEMICAL RESISTANCE LIST

ISSUED JULY 2009

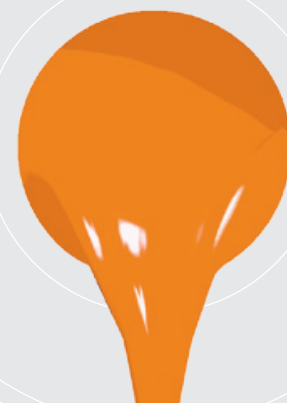
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THIS LIST HAS BEEN ABBREVIATED PLEASE CONTACT US IF YOU DO NOT SEE THE REQUIRED CHEMICAL



LEIGHS PAINTS
DURAGLASS 41v
CHEMICAL RESISTANCE LIST



Chemical Environment	Concentration %	Max Temp °C	Dry Film Thickness mm	Wax Topcoat?	Notes
A					
Acetaldehyde	>20	NR	–	–	
Acetic Acid	<25	95	2	Y	
Acetic Acid	26-50	80	2	Y	
Acetic Acid	51-75	65	2	Y	
Acetic Acid	76-85	40	2	Y	
Acetic Acid, Glacial	100	40	2	Y	
Acetic Anhydride	100	40	2	Y	
Acetone	100	NR	–	–	
Acetonitrile	100	NR	–	–	
Acetyl Acetone	100	NR	–	–	
Acrolein (Acrylaldehyde)	100	NR	–	–	
Acrylamide	50	40	2	Y	
Acrylic Acid	All	40	2	Y	
Acrylic Latex	All	80	1	Y	
Acrylonitrile	100	NR	–	–	
Air	All	150	1	N	
Allyl Alcohol	100	25	2	Y	
Allyl Chloride	100	25	2	Y	
Aluminium Chloride	Sat'd	100	1	Y	>80°C use 2mm
Aluminum Fluoride	All	25	2	Y	
Aluminum Hydroxide	100	90	1	Y	
Aluminium Nitrate	All	80	2	Y	
Aluminum sulphate	Sat'd	100	1	Y	>80°C use 2mm
Ammonia Liquid (Liquified gas)	100	NR	–	–	
Ammonia Gas (Dry)	100	40	2	N	

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Chemical Environment	Concentration %	Max Temp °C	Dry Film Thickness mm	Wax Topcoat?	Notes
Ammonia, Aqueous (see Ammonium Hydroxide)	-	-	-	-	
Ammonium Acetate	65	30	1	Y	
Ammonium Bicarbonate	<50	70	1	Y	
Ammonium Bromate	<43	70	2	Y	
Ammonium Bromide	<43	70	2	Y	
Ammonium Carbonate	All	65	1	Y	
Ammonium Chloride	All	100	1	Y	>80°C use 2mm
Ammonium Nitrate	Sat'd	65	1	Y	
Ammonium Oxalate	All	65	1	Y	
Ammonium sulphate	Sat'd	100	1	Y	>80°C use 2mm
Ammonium sulphide (Bisulphide)	Sat'd	50	1	Y	
Ammonium sulphite	Sat'd	65	1	Y	
Ammonium Thiosulphate	All	40	1	Y	
Amyl Acetate	All	50	2	Y	
Amyl Alcohol	100	65	2	Y	
Aniline	All	NR	-	-	
B					
Barium Acetate	All	80	1	Y	
Barium Bromide	All	100	1	Y	>80°C use 2mm
Barium Carbonate (Slurry)	All	100	1	Y	>80°C use 2mm
Barium Chloride	All	100	1	Y	>80°C use 2mm
Barium Hydroxide	All	65	2	Y	
Barium sulphate	Sat'd	100	1	Y	>80°C use 2mm
Barium sulphide	All	80	1	Y	
Benzaldehyde	100	NR	-	-	
Benzene	100	40	2	Y	
Benzoic Acid	Sat'd	100	2	Y	
Benzyl Alcohol	100	40	2	Y	
Benzyl Chloride	100	25	2	Y	
Borax	All	100	1	Y	>80°C use 2mm
Boric Acid	All	100	1	Y	>80°C use 2mm
Brake Fluids	100	50	2	Y	
Brine, Chlorinated (see Chlorinated Brine)	-	-	-	-	
Brine, Salt	Sat'd	100	1	N	>80°C use 2mm

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Chemical Environment	Concentration %	Max Temp °C	Dry Film Thickness mm	Wax Topcoat?	Notes
Bromine, Dry and Wet Gas	100	40	2	Y	
Bromine, Liquid	100	NR	–	–	
Butadiene (Gas)	100	30	2	Y	Post cure
Butane	100	60	1	Y	
Butanol	100	50	2	Y	
2,2-Butoxyethoxyethanol (DOWANOL DB)	100	40	2	Y	
2-Butoxyethanol (DOWANOL EB)	100	40	2	Y	
Butyl Acetate	100	25	2	Y	
Butyl Alcohol	100	50	2	Y	
Butyl Carbitol, Diethylene Glycol Butyl Ether (DOWANOL DB)	100	40	2	Y	
Butyl CELLOSOLVE™ Solvent (DOWANOL EB)	100	40	2	Y	
Butyl Chloride	All	25	2	Y	
Butylene Glycol	100	80	2	Y	
Butylene Oxide	100	NR	–	–	
C					
Cadmium Chloride	All	80	1	Y	
Calcium Bisulphite	All	80	1	Y	
Calcium Carbonate (Slurry)	All	80	1	Y	
Calcium Chloride	Sat'd	100	1	Y	>80°C use 2mm
Calcium Nitrate	All	100	1	Y	>80°C use 2mm
Calcium Sulphate (Slurry)	All	100	1	Y	>80°C use 2mm
Caprolactam	100	NR	–	–	
Caprolactone	100	NR	–	–	
Caprylic Acid (Octanoic Acid)	100	90	2	Y	
Carbon Dioxide Gas	All	150	1	N	
Carbon Disulphide	100	NR	–	–	
Carbon Monoxide Gas	All	150	1	N	
Carbon Tetrachloride	100	80	2	Y	
Caustic (see Sodium Hydroxide)	–	–	–	–	
Cetyl Alcohol (Hexadecanol)	100	80	2	Y	
Chlorine Dioxide Bleaching Solution	All	NR	–	–	
Chlorine Water (including Brine), pH <2.5	Sat'd Cl2	95	2	Y	

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Chemical Environment	Concentration %	Max Temp °C	Dry Film Thickness mm	Wax Topcoat?	Notes
Chlorine Water (including Brine), pH 2.5-9	Sat'd Cl ₂	NR	-	-	
Chromic Acid	<20	50	2	Y	
Chromic Acid	>21	NR	-	-	
Citric Acid	All	95	2	Y	
Cobalt Chloride	All	80	2	Y	
Cobalt Nitrate	All	50	2	Y	
Coconut Oil	100	90	2	Y	
Copper Chloride	Sat'd	100	1	Y	>80°C use 2mm
Copper Cyanide	All	100	1	Y	>80°C use 2mm
Copper Nitrate	All	100	1	Y	>80°C use 2mm
Copper sulphate	Sat'd	100	1	Y	>80°C use 2mm
Crude Oil, Sweet, Sour	100	100	1	N	>80°C use 2mm
Curpic Chloride, (see Copper Chloride)	-	-	-	-	
Cyclohexane	100	65	2	Y	
D					
Deionized Water (See Water, Deionized)	-	-	-	-	
Demineralized Water (See Water, Demineralized)	-	-	-	-	
Diacetone Alcohol	100	NR	-	-	
Dibutyl Carbitol (diethylene glycol dibutyl ether) (DOWANOL DB)	100	40	2	Y	
Dibutyl Ether	100	80	2	Y	
Dichloroacetic Acid, (see Chloroacetic Acid)	-	-	-	-	
Dichlorobenzene (ortho and para)	100	50	2	Y	
Dichloroethane	100	25	2	Y	
Dichloroethylene	100	NR	-	-	
Dichloromethane (Methylene Chloride)	100	NR	-	-	
Diesel Fuel	100	100	1	N	>80°C use 2mm
Diethanolamine	100	50	2	Y	
Diethyl Ether	100	NR	-	-	
Diethyl Formamide	100	40	2	Y	
Diethyl Hydroxylamine	100	NR	-	-	
Diethyl Ketone	100	25	2	Y	
Diethylene Glycol	100	90	2	Y	

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Chemical Environment	Concentration %	Max Temp °C	Dry Film Thickness mm	Wax Topcoat?	Notes
Diisobutyl Ketone	100	25	2	Y	
Diisobutyl Phthalate	100	65	2	Y	
Dimethyl Amine	40	NR	-	-	
Dimethyl Formamide	100	NR	-	-	
Dimethyl Phthalate	100	80	2	Y	
Dimethyl sulphate	100	NR	-	-	
Dimethyl sulphide	100	25	2	Y	
Dimethyl sulphoxide	100	NR	-	-	
Dipropylene Glycol	100	90	2	Y	
Dipropylene Glycol Monomethyl Ether (DOWANOL DPM)	100	20	2	Y	
Distilled Water (See water, distilled)	-	-	-	-	
DOWANOL DB Diethylene Glycol monoButyl Ether (Butyl CARBITOL™)	100	40	2	Y	
DOWANOL EB (Glycol Ether) (Ethylene Glycol n-butyl ether)	100	40	2	Y	
DOWANOL PM (Glycol Ether)	100	20	2	Y	
DOWANOL DPM (Dipropylene Glycol Monomethyl Ether)	100	20	2	Y	
DOWANOL PMA (Propylene Glycol Monomethyl Ether Acetate)	100	20	2	Y	Post Cure
E					
Epichlorohydrin	100	25	2	Y	
Epoxidized Castor Oil	100	40	2	Y	
Ethanol (Ethyl Alcohol)	50	65	2	Y	
Ethanol (Ethyl Alcohol)	90 - 100	40	2	Y	
Ethanolamine	100	25	2	Y	
Ethoxy Acetic Acid	100	NR	-	-	
Ethyl Acetate	100	20	2	Y	
Ethyl Acrylate	100	NR	-	-	
Ethyl Amine	70	NR	-	-	
Ethyl Bromide	100	NR	-	-	
Ethyl Chloride	100	25	2	Y	
Ethyl Ether	100	NR	-	-	
Ethylbenzene	100	50	2	Y	

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Chemical Environment	Concentration %	Max Temp °C	Dry Film Thickness mm	Wax Topcoat?	Notes
Ethylene Chloride (1, 2 Dichloroethane)	100	25	2	Y	
Ethylene Diamine	100	NR	-	-	
Ethylene Dibromide	100	NR	-	-	
Ethylene Dichloride (Dichloroethane)	100	25	2	Y	
Ethylene Glycol	100	100	2	Y	
Ethylene Glycol (Monoethylene glycol, MEG)	100	95	2	Y	
Ethylene Glycol Monobutyl Ether (DOWANOL EB)	100	40	2	Y	
Ethylene Oxide	100	NR	-	-	
F					
Ferric Acetate	All	80	1	Y	
Ferric Chloride	All	100	1	Y	>80°C use 2mm
Ferric sulphate	All	100	1	Y	>80°C use 2mm
Ferrous Chloride	All	100	1	Y	>80°C use 2mm
Ferrous Nitrate	All	100	1	Y	>80°C use 2mm
Ferrous sulphate	All	100	1	Y	>80°C use 2mm
Flue Gas, Dry	All	150	2	N	
Flue Gas, Wet	All	100	2	N	
Formaldehyde	All	65	2	Y	
Formic Acid	<10	80	2	Y	
Formic Acid	11 - 25	65	2	Y	
Formic Acid	26 - 50	50	2	Y	
Formic Acid	85 - 98	40	2	Y	
Fuel Oil	100	100	1	N	>80°C use 2mm
G					
Gasohol (5% Methanol)	100	50	2	Y	
Gasohol (6% to 10% Methanol)	100	40	2	Y	
Gasohol (11% - 100% Methanol)	100	NR	-	-	
Gasoline, Aviation	100	80	1	Y	
Gasoline, Leaded	100	50	1	Y	
Gasoline, No Lead, No Methanol	100	50	1	Y	
Gasoline/MTBE	85/15	50	1	Y	
Glutaraldehyde	50	50	2	Y	
Glutaric Acid	50	50	2	Y	
Glycolic Acid (Hydroxyacetic Acid)	70	40	2	Y	

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Chemical Environment	Concentration %	Max Temp °C	Dry Film Thickness mm	Wax Topcoat?	Notes
Gypsum Slurry (see Calcium Sulphate Slurry)	-	-	-	-	
H					
n-Heptane	100	100	1	Y	>80°C use 2mm
Hydraulic Fluid (Glycol based)	100	80	2	Y	
Hydrazine	All	NR	-	-	
Hydrobromic Acid	<25	80	2	Y	
Hydrobromic Acid	26 - 48	65	2	Y	
Hydrobromic Acid	49 - 62	40	2	Y	
Hydrocyanic Acid	All	100	2	Y	
Hydrogen Bromide, Dry Gas	100	100	1	Y	>80°C use 2mm
Hydrogen Bromide, Wet Gas	100	80	2	Y	
Hydrogen Chloride Dry Gas	100	100	1	Y	>80°C use 2mm
Hydrogen Chloride Wet Gas	100	100	2	Y	
Hydrogen Peroxide	All	NR	-	-	
Hydrogen sulphide, Aqueous	All	80	2	Y	
Hydrogen sulphide, Dry Gas	100	100	1	Y	>80°C use 2mm
I					
Iodine	100	65	2	Y	
Isobutyl Alcohol	100	50	2	Y	
Isodecanol (Isodecyl alcohol)	100	50	2	Y	
Isononyl Alcohol	100	65	2	Y	
Isooctyl Adipate	100	65	2	Y	
Isooctyl Alcohol	100	65	2	Y	
Isopropanolamine	100	50	2	Y	
Isopropyl Alcohol (Isopropanol)	100	50	2	Y	
Isopropylamine	<50	40	2	Y	
Isopropylamine	100	NR	-	-	
J					
Jet Fuel, General	100	80	1	Y	
K					
Kerosene	100	80	1	N	

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Chemical Environment	Concentration %	Max Temp °C	Dry Film Thickness mm	Wax Topcoat?	Notes
L					
Latex (Emulsion in Water)	All	50	2	Y	
Lauryl Chloride	100	50	2	Y	
Lauryl Alcohol	100	80	2	Y	
Lead Acetate	Sat'd	100	1	Y	>80°C use 2mm
Lime Slurry (see Calcium Hydroxide)	-	-	-	-	
Limestone Slurry (see Calcium Carbonate)	-	-	-	-	
Linseed Oil	100	100	1	Y	>80°C use 2mm
Liquid Petroleum Gas (LPG)	100	60	1	Y	
Lithium Chloride	<40	95	2	Y	
M					
Magnesium Bisulphite	All	80	1	Y	
Magnesium Carbonate	All	80	1	Y	
Magnesium Chloride	Sat'd	100	1	Y	>80°C use 2mm
Magnesium Hydroxide	All	100	1	Y	>80°C use 2mm
Magnesium Nitrate	All	100	1	Y	>80°C use 2mm
Magnesium Phosphate	All	80	1	Y	
Magnesium Sulphate	Sat'd	100	1	Y	>80°C use 2mm
Maleic Acid	All	100	2	Y	
Manganese Chloride (Manganous Chloride)	All	80	1	Y	
Manganese Nitrate (Manganous)	All	80	1	Y	
Manganese Sulphate (Manganous sulphate)	All	100	1	Y	>80°C use 2mm
Melamine Formaldehyde Resin	All	50	2	Y	
Methane/Nitrogen	70/30	95	1	N	>80°C use 2mm
Methanol (Methyl Alcohol)	All	40	2	Y	
Methyl Acetate	100	NR	-	-	
Methyl Bromide	All	NR	-	-	
Methyl Butyl Ketone (MBK), includes Methyl t-Butyl Ketone (MTBK)	100	50	2	Y	
Methyl Chloride, Gas	All	65	2	Y	
Methyl Ethyl Ketone	100	20	2	Y	
Methyl Isobutyl Ketone (MIBK)	100	50	2	Y	
Methyl Methacrylate	All	25	2	Y	
Methyl t-Butyl Ether	100	25	2	Y	

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Methylene Chloride	100	NR	–	–	
Methylstyrene (Alpha)	100	50	2	Y	
Mineral Oils, Aliphatic	100	100	1	Y	>80°C use 2mm
Monochloroacetic Acid (see Chloroacetic Acid)	–	–	–	–	
Monoethanolamine (see Ethanolamine)	–	–	–	–	
Motor Oil	100	100	1	N	>80°C use 2mm
MTBE (Methyl tert-Butyl Ether)	20	50	2	Y	
MTBE (Methyl tert-Butyl Ether)	100	25	2	Y	
Muriatic Acid (see Hydrochloric Acid)	–	–	–	–	
Myristic Acid	100	100	2	Y	
N					
Naphtha	100	100	2	Y	
Naphtha, Heavy Aromatic	100	50	2	Y	
Naphthalene	100	100	2	Y	
Nitric Acid	<5	80	2	Y	
Nitric Acid	6 - 20	65	2	Y	
Nitric Acid	21-29	50	2	Y	Post Cure
Nitric Acid	30 - 40	25	2	Y	Post Cure
Nitric Acid	>41	NR	–	–	
Nitric/Hydrofluoric Acid	30-35/3-5	NR	–	–	
Nitric/Phosphoric Acid	5/5	80	2	Y	Post Cure
Nitric/Phosphoric Acid	24/23	50	2	Y	Post Cure
Nitric/Sulphuric Acid	20/20	50	2	Y	Post Cure
Nitric/Sulphuric/Phosphoric Acid	20/5/2	50	2	Y	Post Cure
Nitrobenzene	100	40	2	Y	
O					
Octanoic Acid (see Caprylic Acid)	–	–	–	–	
Oil, Sweet and Sour, Crude	100	100	–	–	>80°C use 2mm
Oleic Acid	100	100	–	–	
Oleum (Fuming Sulphuric)	All	NR	–	–	
Ortho-Dichlorobenzene (see Dichlorobenzene)	–	–	–	–	
Oxalic Acid	Sat'd	95	2	Y	

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Chemical Environment	Concentration %	Max Temp °C	Dry Film Thickness mm	Wax Topcoat?	Notes
P					
Para-Dichlorobenzene (see Dichlorobenzene)	-	-	-	-	
Pentanedioic Acid (see Glutaric Acid)	-	-	-	-	
Peracetic Acid	35	NR	-	-	
Perchloric Acid	30	40	2	Y	
Phenol (Carbolic Acid)	<10	50	2	Y	Post Cure
Phenol (Carbolic Acid)	11 - 15	30	2	Y	Post Cure
Phenol (Carbolic Acid)	16 - 88	20	2	Y	Post Cure
Phenol Formaldehyde Resin	All	50	2	Y	
Phosphoric Acid	All	100	2	Y	
Phosphoric Acid (Polyphosphoric Acid)	115	100	2	Y	
Phosphoric Acid (Superphosphoric Acid 76% P ₂ O ₅)	105	100	2	Y	
Phosphoric Acid/Sulphuric Acid	85/15	50	2	Y	
Phosphoric/Sulphuric Acid	0-45/0-40	100	2	Y	
Phosphorous Acid	70	40	2	Y	
Phosphorus Oxychloride	100	NR	-	-	
Phosphorus Trichloride	100	NR	-	-	
Phthalic Acid	All	100	2	Y	Provided dissolution solvent also recommended
Picric Acid (Alcoholic)	10	40	2	Y	Provided dissolution solvent also recommended
Polyacrylamide	All	40	2	Y	
Polyacrylic Acid	All	80	2	Y	
Polyvinyl Acetate Adhesives	All	50	2	Y	
Polyvinyl Alcohol	100	50	2	Y	
Potassium Aluminium Sulphate	Sat'd	100	1	Y	>80°C use 2mm
Potassium Bicarbonate	All	65	1	Y	
Potassium Bromide	All	50	2	Y	
Potassium Chloride	All	100	1	Y	>80°C use 2mm
Potassium Dichromate	All	100	1	Y	>80°C use 2mm
Potassium Ferricyanide	All	100	1	Y	>80°C use 2mm
Potassium Ferrocyanide	All	100	1	Y	>80°C use 2mm

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Chemical Environment	Concentration %	Max Temp °C	Dry Film Thickness mm	Wax Topcoat?	Notes
Potassium Fluoride	All	80	2	Y	
Potassium Iodide	All	65	2	Y	
Potassium Nitrate	All	100	1	Y	>80°C use 2mm
Potassium Oxalate	All	65	2	Y	
Potassium Permanganate	All	100	1	Y	>80°C use 2mm
Potassium Persulphate	All	100	1	Y	>80°C use 2mm
Potassium Pyrophosphate	60	65	2	Y	
Potassium Sulphate	All	100	1	Y	>80°C use 2mm
Propane	100	60	1	Y	
n-Propanol (Propyl Alcohol)	100	45	2	Y	
Propionic Acid	<50	80	2	Y	
Propionic Acid	51-100	40	2	Y	
Propyl Acetate	100	25	2	Y	
Propylene Glycol	100	95	2	Y	
Propylene Glycol Monomethyl Ether Acetate (see DOWANOL PMA)	-	-	-	-	
Propylene Glycol Monomethyl Ether (see DOWANOL PM)	-	-	-	-	
Pyridine	100	NR	-	-	
Q					
Quaternary Amine Salts	All	65	1	Y	
Quinoline	100	NR	-	-	
R					
-	-	-	-	-	
S					
Salt Brine (See Brine, Salt)	-	-	-	-	
Sea Water (See Water, Sea)	-	-	-	-	
Silver Nitrate	All	100	1	Y	>80°C use 2mm
Sodium Benzoate	All	80	2	Y	
Sodium Bicarbonate	All	65	1	Y	
Sodium Bisulphate	All	100	1	Y	>80°C use 2mm
Sodium Bisulphide (Hydrosulphide)	All	80	2	Y	
Sodium Bisulphite	All	100	1	Y	>80°C use 2mm
Sodium Borate	All	100	1	Y	>80°C use 2mm

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SodiumBorohydride SWS (Stabilized Water Solution)	All	40	2	Y	
Sodium Bromate	All	60	2	Y	
Sodium Bromide	All	100	1	Y	>80°C use 2mm
Sodium Chloride	All	100	1	Y	>80°C use 2mm
Sodium Chlorate	All	100	1	Y	>80°C use 2mm
Sodium Dichromate	All	100	1	Y	>80°C use 2mm
Sodium Dodecylbenzene Sulphonate	All	70	2	Y	
Sodium Ferricyanide	All	100	1	Y	>80°C use 2mm
Sodium Ferrocyanide	All	100	1	Y	>80°C use 2mm
Sodium Fluoride	All	80	2	Y	
Sodium Hydrosulphide (see Sodium Bisulphide)	-	-	-	-	
Sodium Hypochlorite, pH >11 (Active Chlorine)	>18	NR	-	-	
Sodium Metabisulphite	All	100	1	Y	>80°C use 2mm
Sodium Nitrate	All	100	1	Y	>80°C use 2mm
Sodium Nitrite	All	100	1	Y	>80°C use 2mm
Sodium Phosphate (mono, di, tribasic) (Sodium Ortho Phosphate)	All	80	2	Y	
Sodium Silicate	All	100	1	Y	>80°C use 2mm
Sodium Sulphate	All	100	1	Y	>80°C use 2mm
Sodium Sulphate/Sodium Sulphite	All	100	1	Y	>80°C use 2mm
Sodium Sulphydrate (see Sodium Hydrosulphide)	-	-	-	-	
Sodium Sulphide	All	100	1	Y	>80°C use 2mm
Sodium Sulphite	All	100	1	Y	>80°C use 2mm
Sodium Thiocyanate	All	80	2	Y	
Sodium Thiosulphate	All	80	2	Y	
Steam	100	80	2	Y	
Styrene	100	50	2	Y	
Styrene Acrylic Emulsion	All	50	2	Y	
Styrene Butadiene Latex	All	50	2	Y	
Sulfamic Acid	<10	100	2	Y	
Sulfamic Acid	11 - 15	80	2	Y	
Sulfamic Acid	16-25	65	2	Y	
Sulphur Dioxide	100	100	1	Y	>80°C use 2mm

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Chemical Environment	Concentration %	Max Temp °C	Dry Film Thickness mm	Wax Topcoat?	Notes
Sulphur, Molten (Dry)	100	150	1	Y	>80°C use 2mm
Sulphuric Acid	<50	100	2	Y	
Sulphuric Acid	51-70	80	2	Y	
Sulphuric Acid	71-75	50	2	Y	Possible slight discolouration of acid
Sulphuric Acid	>76	NR	-	-	
Sulphuric Acid/Nitric Acid	20/5	80	2	Y	
Sulphuric Acid/Phosphoric Acid	<25/<25	80	2	Y	
Sulphuric Acid/Hydrofluoric Acid	30-35/3-5	NR	-	-	
Sulphurous Acid	10	50	2	Y	
Superphosphoric Acid (76% P ₂ O ₅)	105	100	2	Y	
T					
Tap Water, Hard (see Water, Tap, Hard)	-	-	-	-	
Tap Water, Soft (see Water, Tap, Soft)	-	-	-	-	
t-Butyl Methyl Ether (see MTBE)	-	-	-	-	
t-Butyl Methyl Ether (see MTBE)	-	-	-	-	
Tetrachloroethane	100	50	2	Y	
Tetrachloroethylene (Perchloroethylene)	100	50	2	Y	
Titanium Dioxide	All	80	2	N	
Toluene	100	50	2	Y	
Toluidine (o-, p-, m-)	100	20	2	Y	
Transformer Oils (Ester types)	100	65	2	Y	
Transformer Oils (Silicone and Mineral Oils)	100	140	2	Y	
Trichloroacetic Acid (see Chloroacetic Acid)	-	-	-	-	
Trichloroethane	100	50	2	Y	
Trichloroethylene	100	NR	-	-	
Triethanolamine	100	50	2	Y	
Triethylamine	All	50	2	Y	
Triethylene Glycol (TEG)	100	80	2	Y	
Tripropylene Glycol	100	65	2	Y	
Turpentine	100	90	2	Y	
U					

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Chemical Environment	Concentration %	Max Temp °C	Dry Film Thickness mm	Wax Topcoat?	Notes
Uran Fertilizer Urea - 44.3% Ammonium Nitrate, 35.4% Urea, 20.3% Water	100	50	2	Y	
Urea	0-50	65	2	Y	
Urea Formaldehyde Resin	All	50	2	Y	
Urea/Ammonium Nitrate/Water	35/44/20	65	2	Y	
Urine (see Urea)	-	-	-	-	
V					
Vinyl Acetate	20	40	2	Y	
Vinyl Acetate	100	NR	-	-	
Vinyl Chloride	100	NR	-	-	
Vinyltoluene	100	50	2	Y	
W					
Water Deionized	100	80	2	Y	Post Cure
Water, Demineralised	100	80	2	Y	Post Cure
Water Vapor	Sat'd	80	2	N	Post Cure
Water, Distilled	100	80	2	Y	Post Cure
Water, Sea	All	100	1	N	>80°C use 2mm
Water, Sea, Desalination	All	80	2	N	
Water, Steam Condensate	100	80	2	N	Post Cure
Water, Tap, Hard	100	100	1	N	Post Cure. >80°C use 2mm
Water, Tap, Soft	100	100	1	N	Post Cure. >80°C use 2mm
X					
Xylene	100	50	2	Y	
Xylene/Methyl Ethyl Ketone/Butyl Acetate/ Methyl Acetate	50/20/20/10	NR	-	-	
Z					
Zinc Chloride	Sat'd	100	1	Y	>80°C use 2mm
Zinc Nitrate	Sat'd	100	1	Y	>80°C use 2mm
Zinc Phosphate (Slurry)	All	80	1	Y	
Zinc sulphate	Sat'd	100	1	Y	>80°C use 2mm

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DOWNANOL IS A REGISTERED TRADEMARK OF THE DOW CHEMICAL COMPANY
NR = NON RESISTANT



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