

CHEMICAL RESISTANCE DATASHEET

When requesting recommendations for corrosion resistant fibreglass grating, users or specifiers should be prepared to supply the following data:

- All chemicals to which the grating will be exposed.
- Normal operating temperature, maximum and minimum.
- Normal operating concentrations of chemicals including trace amounts.
- pH range of the system.
- Duration of normal and maximum operating temperatures.

Liquid polyester resins are actually polymers dissolved in styrene monomer. The fabricator cures these resins to a solid state by reacting the polymer with the styrene in the presence of glass reinforcements to produce a glass reinforced rigid structure. The standards for these structures are defined by organizations such as ASTM and ASME.

Isophthalic polyester resins are a broad class of products of raw Isophthalic acid, glycols and maleic anhydride. The specific raw materials are selected to impart desired properties and corrosion resistance. The resins we use in our fibreglass grating will offer good corrosion resistance over a wide pH range.

The temperatures shown are not necessarily the maximum service temperature. It is the upper temperature at which the resin has been tested. It is possible a higher temperature could be obtained but additional testing would be required to establish such performance.

All temperatures shown are in degrees Fahrenheit. To convert Fahrenheit to Celsius, take away 32 then multiply by 0.556. For example 140 degrees Fahrenheit would be $140 - 32 = 108$. Multiply by 0.556 = 60 degrees Celsius.

Legend:

NR = Not recommended.

LS = Limited service life.

FÖR MER INFO

Email: info@decksafe.se

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V1-12.09.2020



CHEMICAL RESISTANCE DATASHEET

Chemical Environment	Concentration %	Temperature
Acetaldehyde	100	NR
Acetic acid	1	160
Acetic acid	10	160
Acetic acid	15	160
Acetic acid	25	160
Acetic acid	50	150
Acetic acid, glacial	100	NR
Acetic anhydride	100	NR
Acetone	100	NR
Acetonitrile	100	NR
Acetophenone	100	NR
Acrylic acid	10	100
Acrylic acid	100	NR
Acrylonitrile (Latex Dispersion)	100	NR
Adogen 442	100	120
Adogen 448	100	120
Algaecide (Phenate Based)	100	125
Alum, Potassium	100	180
Aluminium Chloride	100	170
Aluminium Chlorohydroxide	50	170
Aluminium Fluoride	100	90
Aluminium Hydroxide	20	150
Aluminium Hydroxide	100	180

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Aluminium Sulphate	100	180
Amerax 201	100	LS 125
Amerax 209	100	125
Amine Salts, Organotin (blended)	100	LS 125
Aminoethoxy Ethanol	100	NR
Amino ethyl Piper zine	100	NR
Ammonium Bicarbonate	15	130
Ammonium Bicarbonate	20	120
Ammonium Carbonate	10	NR
Ammonium Carbonate	30	NR
Ammonium Fluoride	100	90
Ammonium Hydroxide	1	LS 90
Ammonium Hydroxide	5	NR
Ammonium Hydroxide	10	NR
Ammonium Hydroxide	20	NR
Ammonium Hydroxide	28	NR
Ammonium Hydroxide	30	NR
Ammonium Lauryl Sulphate	100	130
Ammonium Phosphate (monobasic)	65	170
Ammonium Sulphate: Diammonium Phosphate	10 : 10	90
Ammonium Sulphate: Manganese Sulphates (ph 5, concentration in g/l)	158 : 13	125
Ammonium Sulphate: Manganese Sulphate: Sulfuric Acid (ph 2, concentration in g/l)	135:13:40	125

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Chemical Environment	Concentration %	Temperature
Ammonium Thiocyanate	20	170
Ammonium Thiosulfate: water (2.3% Ammonium Sulphate)	4:5.5:88	130
Ammonium Thiosulphate	60	NR
Thiocyanate, water (2.3% Ammonium Sulphate)	5.5:4:88	130
Amsco Bkoh, Solvent	100	100
Amyl Acetate	100	NR
Amyl Alcohol	100	100
Amyl Chloride	100	NR
Aniline	100	NR
Anionic Polyelectrolytes, blend	100	LS 125
Anthracene Oil	6	90
Anthraquinone Disulphuric Acid	1	150
Antimony Pentachloride	100	90
Aqueous Isopropanol: Dehydrogenated-Tallow Dimethyl Ammonium Chloride	25:75	120
Aqueous Isopropanol: Dimethyl Distearyl Ammonium Chloride	25:72	120
Aqueous Isopropanol: Quaternary Ammonium (dialkyl dimethyl type)	25:72	120
Aromatic: Toluene: Aliphatic (3% Xylene)	5: 86 : 6	90
Bactericide Phenate Based	100	125
Barium Carbonate	100	LS 180
Barium Chloride	100	180
Barium Hydroxide	10	LS 90

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Chemical Environment	Concentration %	Temperature
Barium Sulphate	100	170
Beer	100	90
Benzyl Chloride	100	NR
Benzaldehyde	100	NR
Benzene	1	LS 90
Benzene	100	LS 90
Benzene Sulfonic Acid	30	150
Benzene Sulphonic Acid: Sulphuric Acid: Water	88:7:5	140
Benzene: Dimethylformamide: Water (5% Tetrahydrofuran)	40:5:50	NR
Benzo flex 9.88	100	120
Benzotrichloride	100	NR
Benzyl Alcohol	100	NR
Benzyl Chloride	100	NR
Biocide 207	100	125
Biocide 285	100	125
Biocide; Chlorophenol, Methylene. Thiocyanate (blend)	100	125
Biocide; Chlorophenolate (organic sulphur type blend)	100	125
Bromine, Dry Gas	100	NR
Bromine, Wet Gas	100	NR
Butyl Acetate	100	LS 90

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Chemical Environment	Concentration %	Temperature
Butyl Alcohol (includes normal, secondary, and tertiary)	100	80
Butyl Cello solve	100	90
Butyl Cello solve: Monoethanolamide (alkaline film stripper)	57: 30	NR
Butyl Ether	100	80
Butylene Glycol	100	160
Butyric Acid	1	120
Butyric Acid	25	120
Butyric Acid	50	120
Butyric Acid	70	120
Butyric Acid	100	NR
Calcium Carbonate, 90% Magnesium Hydroxide, 10% (traces of nickel and iron hydroxides)	25	LS 120
Calcium Hydroxide	1	180
Calcium Hydroxide	15	180
Calcium Hydroxide	25	160
Carbon Dioxide (wet Acidic)	100	200
Carbon Disulphide	100	NR
Carbon Monoxide Gas	100	200
Carbon Tetrachloride	100	LS 90
Carbon Tetrachloride, Vapour	100	90
Chlorine Dioxide, Fumes	5	90
Chloroacetic Acid	1	90

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Chloroacetic Acid	25	90
Chlorobenzene	1	NR
Chlorobenzene	100	NR
Chloroform, Liquid (trichloromethene)	100	NR
Chloroform, Vapour	100	NR
Chlorophenol, Biocide: Methylene Thiocyanate (blend)	100	125
Chlorosulphonic Acid	100	NR
Chlorphenate, Biocide (organic sulphur type blend)	100	125
Chromate (zinc blend inhibitor, stabilized)	100	125
Chromic Acid	1	120
Chromic Acid	5	120
Chromic Acid	10	120
Chromic Acid	20	120
Chromic Acid	30	NR
Chromic Acid	40	NR
Chromic Acid	50	NR
Chromic Acid, Intermittent	20	NR
Chromic Acid: Sulfuric Acid	12.5:16	NR
Chromic Acid: Sulfuric Acid	20: 20	NR
Chromic Acid: Sulfuric Acid	20: 32	NR
Chromic Acid: Sulfuric Acid (concentration in oz/gal)	33: 0. 33	NR

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Chromic Acid: Sulfuric Acid (concentration in oz/gal)	40: 0.40	NR
Chromic Acid: Sulfuric Acid (concentration in oz/gal)	53: 0.53	NR
Chromic Acid, Vapour	20	120
Cocamidopropyl Betaine	100	120
Cocamidopropyl Dimethylamine	100	120
Cod Liver Oil	100	90
Copper Oxychloride	20	NR
Copper Sulphate: Sulfuric Acid	5 : 18	120
Corn Oil	100	120
Corn Sugar	100	120
Corn Syrup (crude acidic, decolorizing)	100	120
Cottonseed Oil	100	100
Cresol, Fumes	100	NR
Cresols, Mixture	100	NR
Cresylic Acid, Fumes	100	NR
CWT 102	100	125
Cyclohexane	1	120
Cyclohexane	100	120
Cyclohexane	100	NR
Decanal	100	160
Diallylphthalate	100	160
Diammonium Phosphate: Ammonium Sulphate	10 : 10	90

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Chemical Environment	Concentration %	Temperature
Dibasic Acids	80	NR
Dibutyl Ether	100	80
Dibutyl Phthalate	100	90
Dichloro- (2,6)-Aniline- (4)-Hydrochloride Acid	32	LS 170
Dichlorobenzene	1	NR
Dichlorobenzene	100	NR
Dichlorobenzene (-0-)	100	NR
Dichloromethane (1, 2 -)	100	NR
Dichlorophenol	1	NR
Dichlorophenol	100	NR
Dichloropropane (propylene dichloride)	100	NR
Dichloropropane	100	NR
Dicoco Dimethyl Quaternary	75	120
Diesel Fuel	100	175
Diethanolamine	30	90
Diethyl Benzene	100	NR
Diethyl Ketone	100	NR
Diethylene Glycol	100	180
Diglycolamine	100	NR
Dehydrogenated- Tallow Dimethyl Ammonium Chloride: Aqueous Isopropanol	75: 25	120
Dimethyl Distearyl Ammonium Chloride: Aqueous Isopropanol	75: 25	120
Dimethyl Formahide	30	NR

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Dimethyl Formahide	100	NR
Dimethyl Morpholine	100	NR
Dimethyl Phthalate	100	NR
Dimethylformahide: Benzene: Water (5% Tetrahydrofuran)	5:40:50	NR
Diocetyl Phthalate	100	NR
Diphenyl Ether	100	NR
Diphenyl Methane Disocyanate	100	120
Diphenyl Oxide	100	NR
Dipropylene Glycol	100	160
Dipropylene Glycol Dibenzoate	100	120
Dispersant, Anionic (blend)	100	125
Dispersant, Non-ionic (blend)	100	LS 125
Dispersing Agents	100	125
Divinyl Benzene	100	NR
Dodecene	100	NR
Dodecene (trace of hydrochloride acid)	100	NR
Drewperse 732 (also 734 and 780)	100	125
Drewperse 738 (also 741 and 735)	100	LS 125
EP 52-A65	100	90
Esters, Fatty Acid	100	180
Ethanolamine	100	NR
Ethyl Acetate	1	NR

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Chemical Environment	Concentration %	Temperature
Ethyl Acetate	100	NR
Ethyl Acetate: Methylene Chloride: Caustic 50%	16:83:1	NR
Ethyl Alcohol	50	90
Ethyl Alcohol	100	NR
Ethyl Benzene	1	NR
Ethyl Benzene	100	NR
Ethyl Bromide	100	NR
Ethyl Chloride	100	NR
Ethyl Ether	100	NR
Ethylene Chloride/Ethylene Dichloride	100	NR
Ethylene Chlorohydrin	100	NR
Ethylene Dibromide	100	NR
Ethylene Glycol	100	180
Ethylene Glycol Monobutyl Ether	100	90
Fluorine Gas	100	NR
Fluor lubes (oil and Greases)	100	90
Flu silicic Acid	1	100
Flu silicic Acid	10	100
Flu silicic Acid	25	90
Flu silicic Acid	35	NR
Formaldehyde	25	150
Formaldehyde	37	90

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Formaldehyde	44	90
Form amide	100	100
Formic Acid	1	150
Formic Acid	10	150
Formic Acid	25	120
Formic Acid	50	NR
Fuel Oil, #1 and #2	100	170
Fungicide, Phenate Based	100	125
Furnace Oil	100	90
Furfural	100	NR
Gluconic Acid	50	125
Glucose	100	180
Glycerine	100	180
Glycolic Acid	35	140
Glycolic Acid	70	100
Glyoxylic Acid	25	NR
Gold Pickling (with sulfuric acid)	25	150
Hal so 99	100	NR
Heating Oil	100	90
Heptane, Normal	100	200
Herbicide, Liquid	10	80
Hexachlorocyclopentadiene	100	NR
Hexane	100	160

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Chemical Environment	Concentration %	Temperature
Hydraulic Fluid (Skydrol 500)	100	130
Hydrazine	70	NR
Hydriodic Acid	58	NR
Hydrobromic Acid	1	160
Hydrobromic Acid	18	160
Hydrobromic Acid	25	160
Hydrobromic Acid	48	150
Hydrochloric Acid (muriatic acid)	1	160
Hydrochloric Acid	5	160
Hydrochloric Acid	10	160
Hydrochloric Acid	15	160
Hydrochloric Acid	20	LS 150
Hydrochloric Acid	25	LS 150
Hydrochloric Acid	32	125
Hydrochloric Acid	36	100
Hydrochloric Acid	37	LS 90
Hydrochloric Acid (trace of 2,6-Dichloro-4-Ni-troaniline)	32	NR
Hydrochloric Acid (trace of 2,6-Dichloro-4-An-iline)	32	LS 170
Hydrochloric Acid (trace of organics)	36	80
Hydrochloric Acid (traces of Cresylic Acid and Phenol)	32	LS 175
Hydrochloric Acid: 2,6-Dichloro-4-Aniline	32	LS 170

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Hydrochloric Acid: Nitric Acid	10 : 10	NR
Hydrochloric Acid: Phosphorus Acid: Hydrofluoric Acid (concentration in ppm)	1:85:500	NR
Hydrochloric Acid: Phosphorus Acid	2 : 70	120
Hydrofluoric Acid	1	100
Hydrofluoric Acid	10	LS 80
Hydrofluoric Acid	15	NR
Hydrofluoric Acid: Phosphoric Acid: Hydrochloric Acid (concentration in ppm)	500:85:1	NR
Hydrofluosilicic Acid	10	100
Hydrofluosilicic Acid	35	NR
Hydrogen Bromide, Dry	100	90
Hydrogen Bromide, Wet	100	90
Hydrogen Chloride Gas, Dry Fumes	100	120
Hydrogen Chloride Gas, Wet	100	120
Hydrogen Chloride, Absorber	36	NR
Hydrogen Chloride, Anhydrous	100	90
Hydrogen Fluoride, Wet	100	90
Hydrogen Peroxide	5	150
Hydrogen Peroxide	50	NR
Hydrogen Sulphide	100	140
Hydroxyacetic Acid	35	140
Hydroxyacetic Acid	70	120
Hypochlorous Acid	10	105

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Chemical Environment	Concentration %	Temperature
Hypochlorous Acid	20	90
Iso-Decanol	100	160
Isocure 306	100	90
Isocure 308	100	90
Isopropyl Alcohol	10	130
Isopropyl Alcohol	100	80
Isopropyl Palmitate	100	180
Jet Fuel A (recommendations same for Jet Fuel PFB)	100	90
Jet Fuel, JP-4	100	120
Kerosene	100	175
Lactic Acid	100	160
Lauryl Alcohol (n-dodecanal)	100	120
Lead Acetate	100	160
Linoleic Acid	100	160
Linseed Oil	100	160
Liquid Cleaner (all purpose, biodegradable)	100	100
Magnifloc 509-C and 573-C	100	90
Magnifloc E343	100	90
Maleic Anhydride	100	150
Manganese Sulphate: Ammonium Sulphates: Sulphuric Acid (concentration in g/l, ph-5)	13:135:4	125
Manganese Sulphates: Ammonium Sulphate (concentration in g/l, ph-5)	13:158	125

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Chemical Environment	Concentration %	Temperature
Mercaptan, Aromatic	100	NR
Mercaptopropionic, Crude Acid	100	NR
Mercury	100	180
Methanamide	100	100
Methyl Alcohol	100	90
Methyl Alcohol: Water	80:20	90
Methylene Chloride: Toluene	50:50	NR
Methyl Ethyl Ketone	100	NR
Methyl Ethyl Ketone: Sulfuric Acid, 50%	10:90	80
Methyl Isobutyl Ketone	100	NR
Methyl Styrene	100	NR
Methyl Tertiary Butyl Ether	100	80
Methylene Chloride	100	NR
Methylene Thiocyanate: Biocide: Chlorophenol (blend)	100	125
Milk and Milk Products	100	180
Mineral Oils	100	180
Mineral Spirits	100	180
Monochlorobenzene	100	NR
Monoethanolamide (also called Ethanolamine)	100	NR
Monoethanolamide (desulfurizing, Sulphur Dioxide and Hydrogen Sulphate)	100	NR
Liquid Cleaner (all purpose, biodegradable)	100	100
Magnifloc 509-C and 573-C	100	90

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Chemical Environment	Concentration %	Temperature
Monoethanolamide, Butyl Cello solve (alkaline film stripper)	30: 57	NR
Naphtha	100	180
Naphthalene	100	150
Nitric Acid	5	160
Nitric Acid	10	90
Nitric Acid	20	NR
Nitric Acid: Hydrochloric Acid	10:10	NR
Nitric Acid: Sulfuric Acid	5:20	NR
Nitric Acid, Vapour	24	NR
Nitrobenzene	100	NR
Nitrogen	100	180
Nitro phenol	100	NR
Nitrous Acid	10	120
Nitrous Acid	100	120
Nonyl Phenol (monoakyl phenol)	100	110
Nut Oil, Ground	100	90
Oil, Crude (sweet and Sour)	100	180
Oil, Crude, B	100	90
Oil, Furnace	100	90
Oil, Heating	100	90
Oil, Low Sulphur Crude	100	120
Oil, Medium Sulphur Crude	100	90

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Chemical Environment	Concentration %	Temperature
Oil, Mid-Content Sweet	100	90
Oil, Transformer	100	90
Oils (animal, mineral or vegetable)	100	120
Oleic Acid	100	180
Oligomeric Dispersant	100	130
Olive Oil	100	180
Organic Contaminates: Acid: water	1.5:2:96	150
Organotin: Quaternary Ammonium Salts: Amine Salts (blended)	100	LS 125
Oxalic Acid	100	180
Peanut Oil	100	175
Peel Oil	100	120
Pet Set 1505 and 2590	100	90
Per chloric Acid	5	NR
Perchlorethylene	100	NR
Phenol (carbolic acid)	2	180
Phosphate Salts	25	90
Phosphoric Acid	85	160
Phosphoric Acid	100	90
Phosphoric Acid (super-phosphoric acid)	105	90
Phosphoric Acid, 85%: Sulfuric Acid, 93%	50: 50	NR
Hydrofluoric Acid (concentration in ppm)	85:1:500	NR
Phosphorus Acid: Hydrochloric Acid	70:2	120

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Chemical Environment	Concentration %	Temperature
Phosphorus Oxychloride	100	80
Phosphorus Trichloride	100	90
Picric Acid (alcoholic)	10	NR
Phenol (carbolic acid)	2	180
Phosphate Salts	25	90
Polyacrylamide Emulsion	100	90
Polychlorophenate Organosulfur (blend)	100	125
Polychlorophenate (alcohol and amines blended)	100	125
Polyelectrolytes, Anionic	100	130
Polymethylene Polyphenol Isocyanate	100	120
Polyvinyl Alcohol	10	120
Polyvinyl Alcohol	100	80
Polyvinyl diene Chloride Latex	100	80
Polywet ND-2	10	130
Potassium Bicarbonate	10	160
Potassium Carbonate	10	90
Potassium Carbonate	25	90
Potassium Chloride	100	180
Potassium Dichromate	100	180
Potassium Hydroxide	10	NR
Potassium Nitrate	100	180
Potassium Permanganate	100	125

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Potassium Persulfate	100	90
Potassium Sulphate	100	180
Propionic Acid	1	80
Propylene Glycol	100	170
Quaternary Ammonium Salt: Amine Salts: Organotin (blended)	100	LS 125
Quaternary Ammonium: Aqueous Isopropanol (dialkyl dimethyl type)	75: 25	120
RJ-4 Fuel	100	80
Sea Water	100	180
Sequestering Agents	100	125
Polyacrylamide Emulsion	100	90
Polychlorophenate Organosulfur (blend)	100	125
Polychlorophenate (alcohol and amines blended)	100	125
Polyelectrolytes, Anionic	100	130
Silver Nitrate	100	180
Slimicide (Polychlorophenate-organosulfur, blend)	100	125
Slimicide (Thiocyanate-poly-Chlorophenol, blend)	100	125
Sodium Acetate	100	150
Sodium Bicarbonate	10	180
Sodium Bisulphate	100	180
Sodium Bisulfide: Sodium Hydroxide	15:15	NR

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Chemical Environment	Concentration %	Temperature
Sodium Bromide	100	180
Sodium Carbonate	2	150
Sodium Carbonate	10	LS 160
Sodium Carbonate	25	90
Sodium Carbonate	32	90
Sodium Chlorate	90	130
Sodium Cyanide	10	120
Sodium Hydrosulphide: Sodium Hydroxide	15:15	NR
Sodium Hydroxide	0.5	100
Sodium Hydroxide	1	LS 90
Sodium Hydroxide	5	NR
Sodium Hydroxide (scrubbing chlorine blow gas)	20	NR
Sodium Hydroxide (scrubbing chlorine and chlorine dioxide)	5	NR
Sodium Hydroxide: Sodium Bisulphate	15:15	NR
Sodium Hydroxide: Sodium Hydrosulphide	15:15	NR
Sodium Sulphide	30:2:2	NR
Sodium Hypochlorite (stable)	2	120
Sodium Hypochlorite (stable)	5:25	120
Sodium Hypochlorite (stable)	10	100
Sodium Hypochlorite (stable)	15	NR
Sodium Hypochlorite Bleach Reactor	6	NR
Sodium Sulphate	100	175

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Sodium Sulphyrate	45	NR
Sodium Sulphide	10	80
Sodium Hydroxide	2:2:30	NR
Sodium Sulphite	100	90
Sodium Thiosulfate	100	90
Silver Nitrate	100	180
Slimicide (Polychlorophenate-organosulfur, blend)	100	125
Slimicide (Thiocyanate-poly-Chlorophenol, blend)	100	125
Sodium Acetate	100	150
Sodium Bicarbonate	10	180
Sodium Bisulphate	100	180
Sodium Sulphide	2:30:2	NR
Sodium Xylene Sulfonate	40	90
Soya Oil	100	180
Stannic Chloride	100	180
Stannous Chloride	100	180
Steam: Sulfuric Acid (cyanuric acid tank, calcined urea)	16	210
Stearic Acid	100	180
Styrene	100	NR
Sugar Solution	60	90
Sulfonyl Chloride, Aromatic	100	NR

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Sulphophthalic Acid	50:1:6	LS 90
Sulphur Chloride	100	NR
Sulphur Dichloride	100	NR
Sulphur Dioxide (desulfurizing, hydrogen sulphide with monoethanolamide)	100	NR
Sulphur Dioxide (wet or dry)	100	180
Sulphur Trioxide, Dry	100	NR
Sulphur Trioxide, Wet	100	NR
Sulphur, Molten	100	NR
Sulphur, Molten (trace hydrogen sulphide, sulphur dioxide and Water)	100	NR
Sulfuric Acid	1	180
Sulfuric Acid	5	180
Sulfuric Acid	25	150
Sulfuric Acid	50	120
Sulfuric Acid	70	NR
Sulfuric Acid (gold pickling)	25	150
Sulfuric Acid (trace dichloride)	76	NR
Sulfuric Acid (with lime, used for treating waste oil, gear, cutting, etc.)	93	NR
Sulfuric Acid (Xylene derivative, t-amine metal salt)	20	100
Sulfuric Acid, Vapour	10	180
Sulfuric Acid, Vapour	20	180
Sulfuric Acid, Vapour	50	120

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Sulfuric Acid, 50%: Methyl Ethyl Ketone	90:10	80
Sulfuric Acid, 93%: Phosphoric Acid, 85%	50:50	NR
Sulfuric Acid: Benzene Sulfonic Acid: Water	7:88:5	140
Sulfuric Acid: Chromic Acid	16:12.5	NR
Sulfuric Acid: Copper Sulphate	18:5	120
Sulfuric Acid: Manganese Sulphate: Ammonium Sulphate (concentration in g/l, ph 5)	40:13:13	125
Sulfuric Acid: Nitric Acid	20:5	NR
Sulfuric Acid: Steam (cyanuric acid tank, calcined urea)	16	210
Sulfuric Acid: 4-Sulphthalic Acid	1.6:50	LS 90
Sulfuric Evaporation (concentration up to 70%)	70	NR
Sulphurous Acid	10	NR
Tetra potassium Pyrophosphate	60	90
Tetra sodium Pyrophosphate	5	125
Thionyl Chloride, Vapour	100	NR
Tinofix QF	50	90
Toluene	100	NR
Toluene, Aromatic, Aliphatic (3% Xylene)	86:5:6	90
Transmission Fluid, Automatic	100	90
Tributyl Phosphate	100	150
Trichloroacetic Acid	50	90
Trichlorobenzene	100	NR
Trichloromethene	100	NR

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Chemical Environment	Concentration %	Temperature
Triethanol Ammonium Lauryl Sulphate	100	NR
Trimethylamine Hydrochloride (ph 3-4)	100	130
Triphenyl phosphate	100	90
Tuna Oil	100	160
Turpentine, Pure Gum	100	90
Vanasol	1	80
Varsol	100	200
Vinegar	100	180
Vinyl Toluene	100	NR
Water: Acetic Acid (trace sulfuric acid, Methylene chloride, octyl alcohol, sodium chloride, Chlorobenzene)	48:1.3	150
Water: Ammonium Thiosulfate: Ammonium Thiocyanate (2.3% ammonium sulphate)	88:5.5:4	130
Water: Benzene Sulfonic Acid: Sulfuric Acid	5:88:7	140
Water: Benzene: Dimethylformamide (5% Tetrahydrofuran)	50:40:5	NR
Water, City (10-60 psi)	100	160
Water, Deionized	100	150
Water, Deionized (high purity, 1.5 umho/cm)	100	90
Water, Demineralized	100	180
Water, Distilled	100	160
Water, Light (FC203, trademark)	100	120
Water, Light (FC206A, trademark)	100	120
Water, Methyl Alcohol	20:80	90

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CHEMICAL RESISTANCE DATASHEET

Chemical Environment	Concentration %	Temperature
Water, Organic Acid Contaminated	96.5:1.5	150
Water, Steam Condensate	100	160
Xylene	100	90
Zinc Sulphate	100	180

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