KEY				
	A	Substantial resistance - Preferred material of construction	1	All figures given, unless otherwise specified are for normal temperatures and pressures
	B	Moderate Resistance - Satisfactory for use under most conditions: very slight swelling of elastomers	2	Applicable to the boiling point of the solution
	C	Questionable Resistance - use with caution	3	Applicable up to 50° C
	D	Inadequate Resistance - Not Recommended	4	Air Free
			5	Subject to Pitting
	Blank	Insufficient Information Available	6	Ammonia free
			7	Ambient only

Media	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	T	U	V	W	X	Y	Z
	Cast Iron	Cast Steel	CF 8M	18Cr 10Ni 3Mo	Ferr- alium	EN 57	Alloy 20	Monel	Eltcto Less Nickel	Alloy 825	Hast B	Hast C	Alum Bronze	Al	Tita- nium	Bronze									
A																									
Acetaldehyde	A	A	A	A		A	A	B	A	A		A	D	A	A	A									
Acetate Solvents	A1	A1	A	A		A	A	A	A	A	A	A	A	A	A	A									
Acetic Acid 10%	D	D	B	A2		A	A	A	A	A	A2/4	A	A1	A3	A										
Acetic Acid 60%	D	D	B	A		B	A	B	C	A	A2/4	A	A1	A3	A	D									
Acetic Acid Glacial	D	D	B	A		C	A	B	C	A	A2	A	A1	A3	A	D									
Acetic Acid Vapours	D	D	C	A		A	A	B	A			A	B	C											
Acetic Anhydride	D	D	B	A		B	A	B		A	B1	A2	B	A3	A										
Acetone	A	B5	A	A		A	A	A	A	A	A	A	A	A	A	A									
Acetyl Chloride			A																						
Acetylene	A	A	A	A		A	A	A	A	A	A	A	D	A		A									
Acetamine	A		A					A																	
Acrylonitrile	B	A	A	A		A	A	A		A	A	A	A	A	A										
Acrylonitrile	C	A	A				A	A								A									
Adipic Acid 15-25%		D	A2	A2		A								A	A										
Alcohols	A	A	A	A		A	A	A	A	A	A	A	A	B	A	A									
Aliphatic Esters	A	A	A	A		A	A	A	A	A	B	B	A	C	A										
Aliphatic Hydrocarbons	A	B	B	A		A	A	A	A	A	A	A	B	A	A										
Alkyl Chlorides (pure)	B	B	B5	A5	A	B5	A	A	A	A	A	B	A	C											
Aluminium	D	D	B	A	A	C	A	B	C	A		B	B	B5	A										
Aluminium Acetate							A																		
Aluminium Chloride	D	D	C5	B5		C	A3	B	C	A3	A2	A	B	D	A3	D									

Aluminium Sulphate	D	D	B	A	A	B	A	A	A	A	A	A	B	B	A	C
Aluminium Nitrate			A													
Amines	B	B	A	A	A	A	A	B		A	A	A	D	A		
Ammonia (Gas)	A	A	A	A		A	A	D	A	A	A	A	D	B	A	
Ammonia Anhydrous	A	A	A				A	B								D
Ammonia Solutions	A	B	A				A	B								D
Ammonium Acetate	A															
Ammonium Bicarbonate	C	A	A	A		A	A	D	A	A	A	A	D	B	A	
Ammonium Carbonate	B	A	A2	A2		A	A	B	B	A	A2	A2	D	B	A	B
Ammonium Chloride	C	D	C5	B5	A	C	A	A	B	A	A	A	D	B5	A	D
Ammonium Hydroxide	A	A	A	A	A	A	A	C	A	A	A	A	D	A	A	D
Ammonium Nitrate 10%	D	C	A	A	A2	A	A2		B	A	B	A	D	A	A	D
Ammonium Sulphate	D	D	D	A	A	B	A	A	A	A	A	A	D	B5	A	C
Amyl Acetate	B	B	A	A	A	A5	A	A	A	A	A	A	A4	A	A	A
Amyl Chloride	B	B	B5	A5	A	B	A	A	A	A	A	A	B	B		A
Amyl Alcohol	A	B	A				A	A								A
Aniline to 80%	C	B	A				A	A								C
Anodizing Bath	A		A													
Antichlor Solution							A									
Aqua Regia	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	A1
Argon (Dry)			A													
Armeen			A					A								
Arsenic Acids			A													
Aromatic Hydrocarbons	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Asphalt	A	A	A				A	A								A

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	T	U	V	W	X	Y	Z
B	Cast Iron	Cast Steel	CF 8M	18Cr 10Ni 3Mo	Ferr- alium	EN 57	Alloy 20	Monel	Eltcto Less Nickel	Alloy 825	Hast B	Hast C	Alum Bronze	Al	Tita- nium	Bronze									
Barium Carbonate	A																								
Barium Cyanide		B	A				A									C									
Barium Chloride	C	C	B5	A5		A5	A	A	A	A	A	A	A	B	C	A									
Barium Hydroxide	B	B	A	A	A	A	A	A	A	A	A2	A2	C	C	A	D									
Barium Nitrate		A1	A	A2			A		A	A	A	A	D	A2	A										
Barium Sulphide		C	A				A									D									
Beer	D	D	A	A		A	A	A	A	A	A	A	B	A											
Benzene	B	B	A	A	A	A	A	A	A	A	A	A	A	A2	A	A									
Benzaldehyde	A	A	A				A	A								A									
Benzoic Acid	D	D	A2	A2		A	A	A		A	A	A	B4	B	A	D									
Boric Acid	D	D	B	B		B	A	B4	B	A	A2	A2	B4	C	A	D									
Brines	C	D	C	C	A	B	A	A	B	A	A	A	A	B5	A										
Bromine (Dry)	D	D	D	D		D	C	A	D	A	A	A	B4	B	D	D									
Bromine (wet)	D	D	D	D		D	D	C	D	D		B	D	D	D	D									
Butadiene	B	A	A	A	A	A	A	B	A	A	A	A	A	A	A	D									
Butane	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A									
Butyl Amine	A		A																						
Butyl Acetate	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A									
Butyl Alcohol	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A									
Butyl Chloride										A															
Butyl Ether	A							A																	
Butylene	A	A	A				A	A								A									
Butyric Acid	D	D	B	A2		A	A	B	C	A	A2	A2	B	A1	A										

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	T	U	V	W	X	Y	Z
C	Cast Iron	Cast Steel	CF 8M	18Cr 10Ni 3Mo	Ferr- alium	EN 57	Alloy 20	Monel	Eltcto Less Nickel	Alloy 825	Hast B	Hast C	Alum Bronze	Al	Tita- nium	Bronze									
Calcium Bisulphite	D	D	C	A2		C	A	D		A		A	B	C	A	C									
Calcium Chloride	C	D	C5	B5		C5	A	A	B	A	A	A2	A4	B5	A	A									
Calcium Chlorate			A				A																		
Calcium Hydroxide	B	B	B	A2		A	A	A	A	A	A	A2	B	A	A	D									
Calcium Hypochloride	D	D	C5	B		C	B	C		B		A	D	D	A										
Calcium Nitrate	B	D	A	A		A	A	A		A	A	A	A	B											
Calcium Phosphate	A																								
Calcium Silicate	A																								
Calcium Sulphate	A	B	A				A									A									
Cane Sugar Liquors	B	A	A	X		A	A									A									
Carbolic Acid	B	B	A5	A2		A	A	A		A	A2	A2	B	B	A1	D									
Carbon Disulphate	A																								
Carbon Disulphide	B	B	A				A	A								A									
Carbon Dioxide	A	A	A				A	A								A									
Carbon Monoxide	A																								
Carbon Disulphide	B	B	A	A		A	A	A	A	A			B	A2	A										
Carbonic Acid	D	B4	A	A		A	A	A		A	A	A	B4	A		D									
Carbonated Beverages			A																						
Carbon Tetrachloride	B	A	A	A	A2	A	A2	A	A	A	A2	A2	B	B	A	B									
Carbonic Acid		C		A			A									C									
Castor Oil	B	B	A	A	A	A	A	A	A	A	A	A	A	A											
Casein	A		A					A																	
Chloric Acid	D	D	D	D	D	D	B	D	D	B	D	A	D	D											
Cellulose Acetate	A		A					A																	
Chlorinated Hydrocarbons	B	B	B	B	B	B	B	A	B	B	B	A	B	B	A										
Chlorinated Water (Sat)	D	D	C	C		C	B	C	D	B		A	C	C	A										
Chlorine (Dry Gas)	B	B	B	B	B	B	A	A	B	C		A	B4	B	C	C									
Chlorine (Wet gas)	D	D	D	D	D	D	D	C	D	D	D	B	D	D	A	D									
Chlorine Dioxide	D	D	D	D	D	D	C5	D	D	D	B	A	D		A										

Chloro acetic Acid	D	D	D	D	D	D	D	B	D	D	A	A	D	D	A	
Chloro benzene (dry)	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Chloroform (dry)	B	B	A	A	A	A	A	A	A	A	A2	A2	A4	D	A	A
Chlorophyll	A		A					A								
Chlorosulphonic Acid	D	D	D	C5		D	B	B		B	A	B	C4	B		B
Chloracetic Acid	C		C				A	B								B
Chloramine																
Chrominc Acid, Dilute	C	C	B	A	A	B	A	C		A	A	A	D	B	A	D
Chromic Acid >50%	B	B	C	C	B	C	B	C		B	D	B	D	D	A	D
Chrome Liquor							A									
Chrome Alum			A				A									
Chromium Sulphate			A				A									
Citric Acid	D	D	B	A	A2	B	A2	A	B	A	A2	A2	B4	C	A	C
Coal Tar	A		A				A	A								
Coffee			A				A	A								
Coke Oven Gas	A	A	A				A									
Copper Chloride	D	D	D	D	D	D	D	D		D	D	A	D	D	A	D
Copper Acetate			A				A									D
Copper Chloride			B					B								C
Cooking Oil	A		A					A								B
Copper Cyanide	A															
Copper Nitrate	D	D	A2	A2		B	A	D		A		A	D	D	A	
Copper Sulphate	D	D	A2	A2	A	A	A	C	B	A		A1	D	D	A	D
Corn Kernels			A					A								
Corn Oil			A					A								
Corn Syrup			A					A								
Creosote	B	B	A	A		B	A	A	B	A	A	A	B	A		B
Cresol	C3	C3	A	A	A	B	A	B	A	A	A	A	B	A		B
Cresylic Acid	C3	C3	A2	A2	A	B	A	B	A	A	A2	A2	B	A		B
Cyanide Solutions	D	D	A	A			A	D		A		B	D	B		
Cyanogen Gas			A													
Cyclohexane	B	B	A	A	A	A	A	A	A	A	A	A	A	A		A

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	T	U	V	W	X	Y	Z
D	Cast Iron	Cast Steel	CF 8M	18Cr 10Ni 3Mo	Ferr- alium	EN 57	Alloy 20	Monel	Eltcto Less Nickel	Alloy 825	Hast B	Hast C	Alum Bronze	Al	Tita- nium	Bronze									
Detergents, Synthetic	B	B	A	A	X	A	A	B	A	A	A	A	A	B		B									
Developer - photo			A					A																	
Dextrin			A					A																	
Diacetone Alcohol	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A									
Dichlorobenzene	B	B	B	B	B	B	A	A	B	A	A	A	A	A		B									
Dichloro Ethyl Ether							A	A																	
Dichloroethylene	B	B	A	A	A	B	A	A	B	A	A	A	B	B		B									
Diesel Oil	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A									
Diethylamine	B	B	A	A		A	A	D		A		A	D	A	A	A									
Diethylene Glycol	B	B	A	A		B	A	A	A	A	A	A	B	A	A	B									
Diester lubes	A		A																						
Diethyl Sulphate							A	A																	
Dimethyl Formamide			A					A																	
Dioxane (dry)	A																								
Dipentene Pinene			A																						
Dowtherms	A	A	A				A	A								A									
Dyes (General)	A	A	A				A	A								A									

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	T	U	V	W	X	Y	Z
E	Cast Iron	Cast Steel	CF 8M	18Cr 10Ni 3Mo	Ferr- alium	EN 57	Alloy 20	Monel	Eltcto Less Nickel	Alloy 825	Hast B	Hast C	Alum Bronze	Al	Tita- nium	Bronze									
Enzyme Solution			A				A																		
Esters	B	B	A	A	A	A	A	B	A	A	A	A	A	C	A										
Ethers	A	A	A	A	A	A	A	A	A	A	A	A	B	A		B									
Ethyl Acetate	B	B	A	A	A	A	A	A	A	A	A	A	A	B	A	B									
Ethyl Acrylate			A																						
Ethyl Alcohol	A	A	A	A	A	A	A	A	A	A	A	A	A	B5	A	A									
Ethyl Bromide			A				A	A																	
Ethyl Chloride (dry)	B	B	A	A	A	A	A	A	A	A	A	A	B	B	A	B									
Ethyl Chloride (wet)	D	D	B	B	A	B	A	B	C	A	A	A	C	D	A										
Ethylene Glycol	B	B	A	A		A	A	A	A	A	A	A	B	A	A	B									
Ethylene	A	A	A				A	A								A									
Ethylene Oxide			A				A																		
Ethyl Silicate	A		A																						

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	T	U	V	W	X	Y	Z
F	Cast Iron	Cast Steel	CF 8M	18Cr 10Ni 3Mo	Ferr- alium	EN 57	Alloy 20	Monel	Eltcto Less Nickel	Alloy 825	Hast B	Hast C	Alum Bronze	Al	Tita- nium	Bronze									
Fatty Acids	D	D	B5	A		A	A	B	D	A	A	A	B	B	A	B									
Ferric Chloride	D	D	D	D	D	D	D	C	C	D	D	B	D	D	A	D									
Ferric Nitrate	D	D	B	A	A	B	A	D	D	A	C	A	D	D	A										
Ferric Sulphate	D	D	B2	A2	A2	A	A	D	D	A	D	A	D	D	A	C									
Ferrous Chloride		D	B													D									
Ferrous Sulphate	D	D	B5	B		B5	A	B	D	A	A	A2	B4	D	A										
Fertilizer Solution	A		A					A																	
Fish Oil	A		A					A																	
Flue Gas	A		A				A																		
Fluoride Salts	A		A																						
Fluorinated ydrocar,(freons)	B	B	B	B			B	A	B	B	A	A	B	B		B									
Fluorine (dry gas)	D	D	B	A		B	A	A	D	A	B	A	B	D	D	D									
Fluorine (wet gas)	D	D	D	D				A			B	A	D	D		D									
Fluosilicic Acid	D	D	C5	B		C5	B	B	D	B	A	A	D	D	D										
Formaldehyde - 40%	D	D	B	B		B	A	A	D	A	B	B	B	B	A	B									
Formic Acid < 50%	D	D	B5	A5	A	D	A	A	D	A	B	A	B4	C	C	C									
Formic Acid > 50%	D	D	C5	A5	A	D	B	A	D	A	B	A	B4	C	C	C									
Fruit Juices	D	D	A	A		A	A	B	D	A	A	A	B	B		B									
Fuel Oil	B	B	A	A		A	A	A	A	A	A	A	B	A	A										
Furfural	B3	C3	A2	A2		A	A	A	A	A	A	A	B	A	A	B									

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	T	U	V	W	X	Y	Z
G	Cast Iron	Cast Steel	CF 8M	18Cr 10Ni 3Mo	Ferr- alium	EN 57	Alloy 20	Monel	Eltcto Less Nickel	Alloy 825	Hast B	Hast C	Alum Bronze	Al	Tita- nium	Bronze									
Gas Natural	A		A				A	A								A									
Gasoline Motor	A	A	A				A	A								A									
Gallic Acid - 25%	D	D	A2	A2		A	A				A	A2		A											
Gelatine	D	C	A	A		A	A	A	A	A	A	A	B	A	A	C									
Glucose	A	B	A	A		A	A	A	A	A	A	A	A	A	A	A									
Glycerine	B	B	S	S	S	S	S	S	S	S	S	S	B	A	A										
Glycols	B	B	A	A	A	A	A	B	A	A	A	A	A	A	A										
Glycerol	B	B	A				A	A								B									
Glycolic Acid			A				A	A																	
Glyoxal			A																						
Glycol Amine			A				A	A																	
Graphite	A		A					A																	
Grease - edible			A																						
Green Liquor			A																						

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	T	U	V	W	X	Y	Z
H	Cast Iron	Cast Steel	CF 8M	18Cr 10Ni 3Mo	Ferr- alium	EN 57	Alloy 20	Monel	Eltcto Less Nickel	Alloy 825	Hast B	Hast C	Alum Bronze	Al	Tita- nium	Bronze									
Helium Gas	A																								
Heptane Hexane	A	A	A				A	A								A									
Hexachloro benzene							A	A																	
Hexanol Tertiary	A	A	A				A	A								A									
Hydrazine			A				A																		
Hydrobromic Acid	D	D	D	D	D	D	D	C	D	C	A	B	D	D	A	D									
Hydrochloric Acid <10%	D	D	D	D	D	D	C	C	D	D	A	B	D	D	B	D									
Hydrochloric Acid >10%	D	D	D	D	D	D	D	D	D	D	A	C	D	D	D	D									
Hydrocyanide Acid	D	D	A	A		D	A	C	D	A		A	D	A		D									
Hydrofluoric Acid < 40%	D	D	D	D	D	D	C	A	D	C	A	A	D	D	D	D									
Hydrofluoric Acid > 40%	D	D	D	D	D	D	D	A	D	C	A	A	D	D	D	D									
Hydrofluosilicic Acid		D	C				B	B								A									
Hydrogen Chloride (dry)	B	A	A	A		A	A	A	B	A	A	A	B	D		B									
Hydrogen Chloride (wet)	D	D	D	D	D	D	D	C	D	D	A	A	D	D		D									
Hydrogen Peroxide	D	D	B	B	A	B	A	B	D	A	C	A	D	A	D	D									
Hydrogen Sulphide (dry)	B	B	A	A			A	B	B	A	B	A	B	B	A	D									
Hydrogen Sulphide (wet)	D	D	A	A		B	A	D	D	A	A	A	C	C	A	D									
Hyprchlorites	D	D	D	D	D	D	D	D	D	D	C	A	D	C	A										
Hyprchloruos Acid	D	D	D	D	D	D	D	D	D	D	C	A	D	D	A										

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	T	U	V	W	X	Y	Z
I	Cast Iron	Cast Steel	CF 8M	18Cr 10Ni 3Mo	Ferr- alium	EN 57	Alloy 20	Monel	Eltcto Less Nickel	Alloy 825	Hast B	Hast C	Alum Bronze	Al	Tita- nium	Bronze									
Illuminating Gas	A	A	A				A	A								A									
Iodine (wet)	D	D	D	D	D	D	C	D	D	D		B	D	C		D									
Iron Oxide	A																								
Iso Octane	A	A	A				A	A								A									
Isopropyl Alcohol	A	A	A				A	A								A									
Isopropyl Ether	A	A	A				A	A								A									

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	T	U	V	W	X	Y	Z
J	Cast Iron	Cast Steel	CF 8M	18Cr 10Ni 3Mo	Ferr- alium	EN 57	Alloy 20	Monel	Eltcto Less Nickel	Alloy 825	Hast B	Hast C	Alum Bronze	Al	Tita- nium	Bronze									
Jet Fuels	A		A					A								A									
Juices Fruit			A																						

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	T	U	V	W	X	Y	Z
K	Cast Iron	Cast Steel	CF 8M	18Cr 10Ni 3Mo	Ferr- alium	EN 57	Alloy 20	Monel	Eltcto Less Nickel	Alloy 825	Hast B	Hast C	Alum Bronze	Al	Tita- nium	Bronze									
Ketones	A	B	A	A	A	A	A	A	A	A	A	A	A	A2	A										
Kelp Slurry	A																								
Kerosene	A	A	A				A	A								A									

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	T	U	V	W	X	Y	Z
L	Cast Iron	Cast Steel	CF 8M	18Cr 10Ni 3Mo	Ferr- alium	EN 57	Alloy 20	Monel	Eltcto Less Nickel	Alloy 825	Hast B	Hast C	Alum Bronze	Al	Tita- nium	Bronze									
Lactose			A					A																	
Lactic Acid - 10%	D	D	B5	A5	A	C	A	C	D	A	A2	A	D	C	A	D									
Lead Acetate	D	D	A	A		A	A	B	D	A	A	A	D	D	A										
Lead Sulphate	A																								
Lead Nitrate - 50%	D	D	A2	A2		A	A	A	D	A	A	A		D											
Lecithin			A				A																		
Lime	B	B	B	A2		A	A	A	B	A	A	A2	B	A	A	B									
Lime Sulphur Mix			A					A																	
Linseed Oil	A	A	A	A	A	B	A	B	A	A	A	A	B	A		B									
Lithium Bromide	C	D	C5	B5		C5	A	A	B	A	A	A2	A4	B5	A										
Lithium Chloride	C	D	C5	B5		C5	A	A	B	A	A	A2	A4	B5	A										
Linoleic Acid			A				A																		
Lubricating Oils	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A									
Ludox			A																						

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	T	U	V	W	X	Y	Z
M	Cast Iron	Cast Steel	CF 8M	18Cr 10Ni 3Mo	Ferr- alium	EN 57	Alloy 20	Monel	Eltcto Less Nickel	Alloy 825	Hast B	Hast C	Alum Bronze	Al	Tita- nium	Bronze									
Magnesium Bisulphate			A				A																		
Magnesium Carbonate	B	B	A	A	A	A	A	A	A	A	A	A2	B	B	A										
Magnesium Chloride	D	C	C5	B5	A	C5	A	B	D	A	A2	A2	A4	C5	A	C									
Magnesium Hydroxide	C	B	A	A	A	A	A	A	A	A	A	A	B4	D	A										
Magnesium Nitrate	C	B	A	A	A	B	A	B	C	A	D	A	D	B	A										
Magnesium Sulphate	D	B	A	A	A	A	A	A	A	A	A2	A2	B4	B	A	B									
Maleic Acid	D	C	B5	B		B	B	A	A	A	A2	A2	B	C	A										
Maleic Anhydride			A				A																		
Malic Acid	D	D	A	A		C	A	B4	D	A	A	A	B	A1											
Malt Slurry			A					A																	
Manganese Sulphate			X				A																		
Mannitol Solution			A																						
Menthol			A																						
Mercuricchloride	D	D	C5	C5		D	D	C	D	C	D	A	D	D	A	D									
Mercuric Cyanide - 5%	D	D	A	A		C	A	C	D	A	A	A	D	D	A										
Mercuric iodide	D	D						C	C	C		A		D	C										
Mercuric Nitrate - 5%	B	B	A	A		A	A	B	B	A	C	A	D	D											
Mercurous Nitrate - 5%	D	D		A	A		A	C	D	A		A	D	D	A										
Mercury	A	A	A	A	A	A	A	B		A	B	A	D	D	A	D									
Methyl Acetate	A	A	A				A																		
Methyl Acetone	A	A	A				A	A								A									
Methyl Alcohol	A	A	A	A2	A2	A	A	A	A	A	A2	A	A	B	A	A									
Menthylamine		A	A				A									D									
Methyl Bromide			A																						
Methyl Cellosolve	A	A	A				A	A								A									
Methyl Chloride (dry)	B	B	B	B	A	A	A	A	B	A	A	A	B	D		B									
Methylene Chloride (dry)	B	B	B	A	A	A	A	A	B	A	A	A	A	C		A									
Methyl Ethyl Ketone	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B									
Methyl Formate																A									

Methyl Isobutyl Ketone	B	B	B	A	A	A	A	A	B	A	A	A	A	A	A	
Methyl Methacrylate	C	C	C	A	A	A			C					A		
Milk	D	D	D	A	A		A	A	A	A			C	A	A	B
Mineral Oil	A		A					A								A
Mixed Aids (Nitric &sulphuric)	B	D	X	B	B	B4	B	D	D	A	D	B2	D	B	B	D
Molasses	B	B	B	A	A		A	A	A	A	A	A	B	A	A	B
Monochlor Acetic Acid								A								
Morpholine	A		A													

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	T	U	V	W	X	Y	Z
N	Cast Iron	Cast Steel	CF 8M	18Cr 10Ni 3Mo	Ferr- alium	EN 57	Alloy 20	Monel	Eltcto Less Nickel	Alloy 825	Hast B	Hast C	Alum Bronze	Al	Tita- nium	Bronze
Naphta	B	B	B	A	A	A	A	A	B	A	A		B	A	A	A
Naphthalene	B	B	B	B	B		B	A	B	A		A	B	A	A	A
Natural Gas	A	A	A				A	A								C
Nickel Ammonia Sulphate			A													
Nickel Chloride	D	D	D	C5	B5		B	A	D	A	A	A	D	D	A	
Nickel Nitrate		D	D	A	A	B	B	C	A	A	B	A	D	D	A	
Nickel Sulphate	D	D	D	A2	A2	A	A	A	A	A		A	B4	D	A	
Nicotinic Acid			A					A								B
Nitric Acid - 25%	D	D	A	A	A	A2	A	C	A	A	D	A	D	D	A	D
Nitric Acid - 70%	D	D	A3	A	A	A2	A	C	A	A	D	A	D	D	A	D
Nitric Acid - 100%	D	D	B	A	A	A	A	C	B	A	D	C	D	A	C	D
Nitric Acid Anhydrous		D	A				A									D
Nitrogen Gas	A															
Nitro benzene	B	B	A	A	A	A	A	A	A	A	A	A	B4	A	A	A
Nitrous Gases		B	A				A	B								D
Nonylphenol			A	A												

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	T	U	V	W	X	Y	Z
O	Cast Iron	Cast Steel	CF 8M	18Cr 10Ni 3Mo	Ferr- alium	EN 57	Alloy 20	Monel	Eltcto Less Nickel	Alloy 825	Hast B	Hast C	Alum Bronze	Al	Tita- nium	Bronze									
Oil Cottonseed			A				A	A																	
Oils, Essential	A	B	A	A				A	A	A			A	B	A										
Oil Fish	A		A				A	A								C									
Oil Lube	A	A	A				A	A								A									
Oil Fuel	A	A	A				A	A								B									
Oils, Mineral	B	B	A	A	A	A	A	A	A	A	A	A	B	A	A	A									
Oil Petroleum		A	A				A	A								B									
Oils, Vegetable and animal	B	B	A	A	A	A	A	A	A	A	A	A	B	A	A	B									
Oleic Acid	C	C	B	B	B	B	A	A	A	A	B	A	B	A2	A	D									
Oleum	D	C	B	B	A	B	B	C	B	A	A	A	D	B	A	D									
Oxalic Acid < 10%	D	D	B1	B1	A	B1	A1	A4	C	A	A2	A2	B4	C	B	C									
Oxalic Acid > 10%	D	D	B1	B1	B	B1	A1	A	C	B	A2	A2	B4	D	B	C									
Oxalic Acid, 50% boiling	D	D	D	C	B		B	A			A	A	B4	D											
Oxygen	A	B	A				A	A								A									
Ozone (dry)		A	A				A	A																	
Ozone (wet)			A					A																	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	T	U	V	W	X	Y	Z
P	Cast Iron	Cast Steel	CF 8M	18Cr 10Ni 3Mo	Ferr- alium	EN 57	Alloy 20	Monel	Eltcto Less Nickel	Alloy 825	Hast B	Hast C	Alum Bronze	Al	Tita- nium	Bronze									
Paints, Solvents	A	A	A				A	A								A									
Palmitic Acid	C	C	B	A		B	A	B	C	A	B	B	B	B		B									
Paper Pulp	A		A					A																	
Paraffins	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A									
Perchlorethylene	A	A	A				A	A								B									
Permanganic Acid			A																						
Peroxide Bleach			A					A																	
Petrol	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A										
Phenol	D	C	A	A	X	A	A	A	B	A	A2	A2	B	B	A	B									
Phenol Glue	A																								
Phosphoric Acid - 10%	D	D	A	A	A2	A	A2	B	A	A	A2	A2	C4	D	B	D									
Phosphoric Acid - 30%	D	D	A	A	A2	A	A2	A	A	A	A2	A2	D	D	C	D									
Phosphoric Acid - 50%	D	D	C	A	B2	C	B2	A	C	A	A	A	D	D	C	D									
Phosphoric Acid - 10% boiling	D	D	C	B	A	B	A	A	D	A	A	A	D	D		D									
Phosphoric Molten			A				A																		
Phosphorus Trichloride (dry)	B	B	B	B		B	B	B			A		C	C	A										
Phthalic Acid	D	C	B	A		B	B	B	D		A	A	D	A											
Pitric Acid	D	D	B	A	A	B	A	C	C	A	B	A	D	B		C									
Pitric Acid Solutions	C		A				A	A								B									
Pine Oil	A		A				A	A																	
Poiysulphide Liquor	A		A																						
Polyvinyl Acetate																									
Polyvinyl Chloride			A																						
Potassium Acetate			A																						
Potassium Bromide	D	D	A3	A3		A	A	B4	D	A	X	A	B4	B	A										
Potassium Carbonate	B	B	A2	A2	A	B	A	A	A	A	A2	A2	B4	B	A										
Potassium Chlorate	C	D	C5	B5		A	C	A	A	A	C	A	B	A2	A										
Potassium Chloride	C	D	C5	B5	A2	B	A	A	A	A	A2	A2	B	B5	A	B									
Potassium Chromate	B	B	A	A		A	A	A	B	A	A	A	C	A2	A										

Potassium Cyanide	D	D	A	A		A	A	B4	B	B	A	X	D	C	B	D
Potassium Dichromate	C	C	A	A		B	A	C	C	A	C	B2	C	A	B	C
Potassium Ferricyanide -25%	C	D	A5	A2		A5	A	A	A	A	B	A	B	A2	B	
Potassium Hydroxide - 10%	B3	B3	B	A		A	B2	A2	A	A	A2	A2	B	D	A	D
Potassium Hydroxide - 50%	C3	C3	B2	B2		B	B2	A2	C	B	A2	B	C	D	B	D
Potassium Nitrate	B	B	A2	A2		A	A	A	A	A	D	A2	B	A	A	B
Potassium Phosphate			B													
Potassium Permanganate dilute	B	B	A2	A2		B	A	B	B	A	X	A	B	A	A	
Potassium Silicate	B	B	A	A		A	A	A	B	A	A	A	B	A	A	
Potassium Sulphate	D	B	A2	A2		A	A	A	A	A	A	A	B	A	A	B
Potassium Sulphide	A	A	A				A									
Potassium Sulphite			A				A									
Propane	B	B	A	A		A	A	A	A	A	A	A	A	A	A	A
Propyl Acetate	B	B	A	A	A	A	A	A	A	A	A	A	A	A		
Propyl Alcohol	B	B	A	A	A	A	A	A	A	A	A	A	A	A2	A	A
Propyl Bromide							A									
Propylene Glycol			A													
Pyrole			A				A	A								
Pyridine	B	B	A	A		A	A	A	B	A	A	A	C	B		
Pyrogallic Acid	D	D	A	A		A	A	B	D	A	A2	A2	B	B		

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	T	U	V	W	X	Y	Z
R	Cast Iron	Cast Steel	CF 8M	18Cr 10Ni 3Mo	Ferr- alium	EN 57	Alloy 20	Monel	Eltcto Less Nickel	Alloy 825	Hast B	Hast C	Alum Bronze	Al	Tita- nium	Bronze									
Resins	A	C	A				A	A								A									
Road Oils	A	A	A				A	A								A									

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	T	U	V	W	X	Y	Z
S	Cast Iron	Cast Steel	CF 8M	18Cr 10Ni 3Mo	Ferr- alium	EN 57	Alloy 20	Monel	Eltcto Less Nickel	Alloy 825	Hast B	Hast C	Alum Bronze	Al	Tita- nium	Bronze									
Salad Oils			A				A																		
Salicylic Acid	D	D	A	A	B	B	A	A	D	A	B	A	B	B											
Salt Brine	B		A					A								A									
Sewage	A		A					A																	
Sea Water	D	D	B	B	A	B	A	A	A	A	A	A	A	A	A	A									
Shellac	A	A	A				A	A								A									
Silicones	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A										
Silver Bromide	D	D	D	D	D	D	B	A	D	B	B	A	D	D											
Silver Chloride	D	D	D	D	D	D	B	B	D	B	B	A	D	D											
Silver Iodine			A					A																	
Silver Nitrate	D	D	B	B		B	A	C	A	A	A	B	D	D	A										
Soaps	B	B	A	A	A	B	A	A	A	A	A	A	A	C	A										
Sodium Acetate	C	C	A2	A2		A	A	A	A	A		A	B	B	A	B									
Sodium Aluminate	B	C	B	B		B	A	B	B	A	A	A	B	D	A										
Sodium Arsenate	A																								
Sodium Bicarbonate	C	C	A	A		A	A	A	A	A	A2	A2	A	A	A										
Sodium Bicromate			A				A																		
Sodium Bisulphate	C	D	B	B		B	A	A	B	A	A2	A2	B4	C	B										
Sodium Bisulphite	D	D	A	A		A	A	B				A	B	C											
Sodium Borate - hot	C	C	A	A	A	A	A	A	C	A	A	A	B	C	A										
Sodium Bromide	D	B	B	B		B	B	A	B	B	A2	A2	B	B5	B										
Sodium Carbonate	B	B	A2	A2		A	A	A	B	A	A2	A	B	D	B	B									
Sodium Chloride	D	D	C5	B5	A2	C5	A	A	C	A	B	A	A	B5	A	A									
Sodium Chromate	B	B	A	A		A	A	B	B	A	A	A	C	A	A										
Sodium Cyanide	C	D	A	A		B	A	C	C	A			D	B	A	D									
Sodium Dichromate	C	C	A	A		B	A	C	C	A	D	B2	C	A	B										
Sodium Fluoride	A		A																						

Sodium Hydroxide < 30%	B	B	A	A	A2	A	A2	A	A	A	A2	A2	B1	D	A	B
Sodium Hydroxide >30%	C	B	B	B	B	B	A1	A	B	A	A1	B	B	D	B	B
Sodium Hydrosulphide			A					A								
Sodium Hypochlorite	D	D	C5	C5	D	C5	C5	D	D	D	C	A	D	C	A	D
Sodium Metaphosphate	C	C	A	A		B	A	A	A	A	A	A	B	A	A	C
Sodium Metasilicate	B	B	A	A	A	B	A	A	B	A	A	A	B	A		
Sodium Nitrate	B	B	A2	A2		A	A	B	B	A		A	C	A	A	B
Sodium Nitrite	B	B	A2	A2	A	B	A	B	B	A		A	B	A	A	
Sodium Perborate	B	B	A	A		B	A	A	B	A	A2	A	B	A		C
Sodium Peroxide - 10%	D	D	A	A		B	A	A	C	A	A2	A2	D	D		C
Sodium Phosphate tribasic	C	B	B	B		B	A	A	A	A	A2	A	C	D	A	
Sodium Sulphate	B5	B	B	A		B	A	A	B	A	A2	A	B	B	A	
Sodium Sulphide	C	C	B5	B		B	A	B	C	A	A1	C	D	D	A	
Sodium Sulphite	B	B	A1	A1		B	A2	B	B	A		A	C	B	A	
Sodium Thiosulphate	D	D	A	A		B	A	B			A	A	B	A		D
Soyabean Oil	A		A	X				A								B
Stannic Chloride	D	D	C5	B5			B	C	D	B	B	A	D	D		
Stannous Chloride	D	D	C5	B5			A	C	D	B	B	A	D	D		
Starch	C	A	A	A	A	A	A	A	C	A	A	A	B	A	A	
Steam	B	B	A	A	A	A	A	A	A	A	A	A	B	A	A	B
Stearic Acid	C	B	A	A		B	A	C	B	A	A	A	C4	A	A	C
Styrene	A	A	A				A	A								A
Sulphamic Acid							A									
Sulphite Liquor			A													
Sugar Liquors	B	B	A	A		A	A	A	A	A	A	A	B	A	A	
Sulphonic Acids	D	D	B	B		B	B	X	B	A	B	A	X	C	B	
Sulphur (fused)	C	C	B5	A		B	A	A4	C	A	A	A	D	A	A	D
Sulphur Dioxide (dry)	C	B	A	A		A	B	B	D	B	B	A	B5	A	B	B
Sulphur Dioxide (wet)	D	D	C	B		C	B	D	D	B	C	A	D	B	B	
Sulphur Tiroxide (dry)	A	A	A				A	A								A
Sulphuric Acid < 5%	D	D	C1	B3	A	D	A2	A4	D	A	A	A	C	C	B	D
Sulphuric Acid - 5-20%	D	D	D	C1	A	B2	A	A4	D	A	A	A	C4	D	C	D

Sulphuric Acid - 20-80%	D	D	D	D	A	B2	B	B	D	B	A	B	C4	D	C	D
Sulphuric Acid - > 80%	B3	B3	B3	B3	A	B2	A	C	B3	A	A	B	D	C	C	D
Sulphuric Acid Fuming	D	B	B	B	B	B	B	D	D	B	B	A	D	B	D	
Sulphurous Acid	D	D	B	B		B	A2		C	A	D	A	C	C		D
Sulphur Trioxide (dry)	D	B	D	B		C	A	B	D	A	B	A	C	A		B

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	T	U	V	W	X	Y	Z
T	Cast Iron	Cast Steel	CF 8M	18Cr 10Ni 3Mo	Ferr- alium	EN 57	Alloy 20	Monel	Eltcto Less Nickel	Alloy 825	Hast B	Hast C	Alum Bronze	Al	Tita- nium	Bronze									
Tall Oil	A		A				A	A																	
Tannic Acid	D	C	B	B		B	B	B	B	B	B	B	B4	C	B										
Tar Hot	B	B	A	A		A	A	B	A	A	A	A	B	A		B									
Tartaric Acid	D	D	A	A		B	A	A4	B	A	B	B	B	B	B	B									
Tetrahydrofuran	B	B	B	B	B	B	A	B	B	A	A	A													
Toluene	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A									
Toluol Tolufene	A	A	A				A	A								A									
Tributyl Phosphate			A				A																		
Trichloroethylene	C	B	B	B		B	A	A	B	A	B	A2	B	A	B										
Triethanolamine	B	B	A	A		B	A		B	A	A	A	D	A											
Turpentine	B	B	A	A		B	B	A	A	A	B	B	B	A2	A	B									
Tung Oil	A		A					B								A									

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	T	U	V	W	X	Y	Z
U	Cast Iron	Cast Steel	CF 8M	18Cr 10Ni 3Mo	Ferr- alium	EN 57	Alloy 20	Monel	Eltcto Less Nickel	Alloy 825	Hast B	Hast C	Alum Bronze	Al	Tita- nium	Bronze									
Urea	C	C	B	A		B	A	B6	C	A		A	B6	B											

MITECH CORROSION RESISTANT CHARTS

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	T	U	V	W	X	Y	Z
V	Cast Iron	Cast Steel	CF 8M	18Cr 10Ni 3Mo	Ferr- alium	EN 57	Alloy 20	Monel	Eltcto Less Nickel	Alloy 825	Hast B	Hast C	Alum Bronze	Al	Tita- nium	Bronze									
Varnish Hot	C	C	A	A				A	B	A	A	A	A	A		A									
Vinegar	D	D	A	A		A	A	A	B	A	A		D	B	A										
Vinyl acetate			A																						
Vinyl Chloride	C	C	B	B			A	A	C	A	A	A		A											

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	T	U	V	W	X	Y	Z
W	Cast Iron	Cast Steel	CF 8M	18Cr 10Ni 3Mo	Ferr- alium	EN 57	Alloy 20	Monel	Eltcto Less Nickel	Alloy 825	Hast B	Hast C	Alum Bronze	Al	Tita- nium	Bronze									
Water Distilled	B	B	A	A	A	A	A	A	A	A	A	A	B	A	A										
Water Fresh	B	B	A	A	A	A	A	A	A	A	A	A	A	B	A	A									
Water Mine Acid			A				A	A																	
Water Salt			B				A	A								A									
Waxes	A	A	A				A	A								A									
Whiskey	D	D	A	A	D	B	A	B	C	A	A	A	B	B5		B									
White Liquor	A																								
Wine	D	D	A	A	D	B	A	B	C	A	A	A	B	B											

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	T	U	V	W	X	Y	Z
X	Cast Iron	Cast Steel	CF 8M	18Cr 10Ni 3Mo	Ferr- alium	EN 57	Alloy 20	Monel	Eltcto Less Nickel	Alloy 825	Hast B	Hast C	Alum Bronze	Al	Tita- nium	Bronze									
Xylene	B	B	A	A		A	A	A	A	A	A	A	A	A	A	A									

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	T	U	V	W	X	Y	Z
Z	Cast Iron	Cast Steel	CF 8M	18Cr 10Ni 3Mo	Ferr- alium	EN 57	Alloy 20	Monel	Eltcto Less Nickel	Alloy 825	Hast B	Hast C	Alum Bronze	Al	Tita- nium	Bronze									
Zinc Acetate			A																						
Zinc Bromide			A																						
Zinc Chloride	D	D	C5	B5		C	A2	A	C	A	B	B	C5	C5	A	C									
Zinc Nitrate	D	D	B	B		B	A	C	D	A	C	A	C	B											
Zinc Sulphate	B	B	A2	A2		A	A	B4	B	A	B	A	B4	C	B	B									