

The information in this chart is to be used only as a guide. FTI does not warrant (neither express or implied) that the information in this chart is accurate or complete. If a number is in a cell that is the maximum temperature for that material in degrees Fahrenheit.

Key:

A = Excellent

B = Good

C = Fair

X = Not Recommended

ND = No Data Available



Chemical Name	Aluminum	316SS	Polypropylene	PVDF	Neoprene	Buna	Santoprene	Hytrel	FKM	EPDM	PTFE	Polyurethane
Acetamide	A	A	A/125	A	B	C	A	ND	A	A	A	X
Acetic Acid, 10%	B	A	A	A	C	C	C	A	X	A	A	C
Acetic Acid, 20%	B	A	A	A	C	C	C	A	X	A	A	C
Acetic Acid, 50%	X	A	B	A	C	C	C	A	X	A	A	C
Acetic Acid, 80%	C	A	B	A	C	C	C	A	X	A	A	X
Acetic Acid, Glacial	B	A	C	B	X	X	C	A	X	B	A	X
Acetone	B	A	X	X	X	X	B	C	X	A	A	X
Acetonitrile	A	A	C	B	C	X	A	A/70	X	A	A	B
Acetylene	A	A	X	A	C	X	C	A	A	A	A	X
Acrylic Acid	A	B	A/70	A	ND	ND	A	ND	X	A	A	X
Acrylonitrile	A	A	B	A	X	X	B	ND	X	X	A	X
Alcohol, Butyl	C	A	A	A	C	A	C	C	A	A	A	X
Alcohol, Butyl, Secondary	C	A	A	A	C	A	C	C	C	C	A	X
Alcohol, Ethyl	B	A	A	A	C	A	C	C	C	A	A	X
Alcohol, Isopropyl	B	A	A	A	C	B	B	C	A	A	A	X
Alcohol, Methyl	B	A	A	A	C	A	C	C	X	A	A	X
Alcohol, Propyl	C	B	A	A	C	A	C	ND	A	A	A	X
Alcohols	C	A	A	A	C	B	ND	C	C	C	A	ND
Aluminum Acetate	A	C	A/100	A	C	B	A	ND	X	A	A	X
Aluminum Chloride, 1%	X	C	A	A	A	A	A/70	B	A	A	A	B
Aluminum Chloride, 5%	X	X	A	A	A	A	ND	C	A	A	A	X
Aluminum Chloride, 20%	X	X	A	A	A	A	A	B	A	A	A	C
Aluminum Chloride, 40%	X	X	A	A	A	A	ND	B	A	A	A	X

Chemical Name	Aluminum	316SS	Polypropylene	PVDF	Neoprene	Buna	Santoprene	Hytrel	FKM	EPDM	PTFE	Polyurethane
Aluminum Chloride, 100%	X	B	A	A	A	A	A	B	A	A	A	B
Aluminum Potassium Sulfate	C	A	A	A	A	A	A	ND	A	A	A	X
Aluminum Sulfate (28%)	B	A	A	A	A	A	A	A	A	A	A	B
Aluminum Sulfate (98-100%)	X	A	A	A	C	A	A	A	A	A	A	X
Amines	A	A	B	X	B	X	A	C	X	C	A	X
Ammonia (Anhydrous)	A	A	A	A	B	C	A	X	X	A	A	X
Ammonia Water, 10%	A	A	A	A	A	A/140	A	ND	X	A	A	ND
Ammonium Bisulfide	B	A	A	A	C	C	ND	ND	X	C	A	ND
Ammonium Bromide	ND	A	ND	ND	A/70	ND	ND	ND	ND	A/70	ND	A/70
Ammonium Bromide, 5%	ND	A	ND	ND	A/70	ND	ND	ND	ND	ND	ND	A/70
Ammonium Carbonate	B	A	A	A	B	X	A	ND	A	A	A	A
Ammonium Chloride	X	B	A	A	A	A	A	A	A	A	A	A
Ammonium Dichromate	A	B	B	A	A	C	A	ND	ND	A	A	ND
Ammonium Fluoride, 10%	C	B	A	A	B	B	B	ND	A	A	A	ND
Ammonium Fluoride, 25%	ND	X	A	A	C	B	B/70	ND	A	A	A	ND
Ammonium Hydroxide, 10%	B	B	A	A	B	A	A	X	C	A	A	X
Ammonium Nitrate	B	A	A	A	B	A	A	C	A	A	A	C
Ammonium Persulfate	C	B	A	A	A	B	A	ND	A	B	A	X
Ammonium Phosphate (mono basic)	X	C	A	A	A	A	A	C	A	A	A	B/70
Ammonium Sulfate	X	A	A	A	A	A	A	C	A	A	A	A
Ammonium Sulfide	B	A	A	A	A	A	A	ND	X	C	A	C
Amyl Acetate	B	A	X	A	X	X	B	X	X	A	A	X
Amyl Alcohol	A	A	A	A	A	A	B	A	A	A	A	X
Amyl Chloride, 84-100%	X	A	X	A	X	X	C	ND	A	X	A	C
Benzaldehyde	A	A	A/80	A	X	X	C	C	X	A	A	X
Benzene	B	A	X	B	X	X	C	X	A	X	A	X
Benzyl Alcohol	A	A	A	A	X	X	X	X	C	X	A	X
Benzyl Chloride	X	B	X	A	X	X	C	ND	B	X	A	X
Bleach, 12.5%	X	C	B/72	A	X	X	B	C	C	A	A	X
Bleach, 5.5%	X	C	B/72	A	X	X	B	C	B	A	A	X
Brine, Basic	C	A	A	A	B	A	A	C	A	A	A	A
Bromine, Liquid	X	X	X	A	ND	X	C	X	A	X	A	X
Butanol	A	A	A	A	A	A	A	C	A	A	A	X
Butyl Acetate	A	A	X	B	X	X	B	C	X	B	A	X

Chemical Name	Aluminum	316SS	Polypropylene	PVDF	Neoprene	Buna	Santoprene	Hytrel	FKM	EPDM	PTFE	Polyurethane
Butyl Alcohol	A	A	A	A	C	A	A	C	A	A	A	X
Calcium Bisulfide	C	A	A	A	A	A	X	C	A	X	A	C
Calcium Bisulfite	X	B	A	A	A	A	X	X	A	X	A	A
Calcium Carbonate	C	A	A	A	A	A	A	ND	A	A	A	X
Calcium Chloride	C	A	A	A	A	A	A	A	A	A	A	A
Calcium Hydroxide	X	A	A	A	A	A	A	C	A	A	A	C
Carbon Disulfide	B	A	X	A	X	X	X	C	A	X	A	C
Carbon Tetrachloride	X	A	X	A	X	X	X	X	A	X	A	X
Caustic Potash (See Potassium Hydroxide)	X	B	A	X	C	B	C	X	C	A	A	ND
Caustic Soda (See Sodium Hydroxide)	X	A	A	X	B	X	C	X	C	A	A	C
Chlorine Dioxide	ND	X	X	A	X	X	X	ND	C	X	A	X
Chlorine Dioxide, 15%	ND	X	X	A	X	X	X	ND	C	X	A	X
Chlorine, Liquid	X	X	X	A	X	X	X	ND	A	X	A	X
Chlorobenzene	X	A	X	A	X	X	C	X	A	X	A	X
Chromic Acid, 10%	B	B	A	A	X	X	A	X	A	A	A	X
Chromic Acid, 20%	X	X	A	A	X	X	A	X	A	C	A	X
Chromic Acid, 40%	X	X	A	A	X	X	X	X	A	X	A	X
Chromic Acid, 50%	X	X	A	A	X	X	X	X	A	X	A	X
Citric Acid	C	A	A	A	A	A	A	A	A	A	A	A
Copper Sulfate	X	A	A	A	A	A	A	A	A	A	A	A
Cyclohexane	B	A	X	A	X	B	X	A	A	X	A	C
Diethylamine	B	A	A/110	A	C	X	C	ND	X	C	A	C
Dimethyl Sulfoxide	ND	ND	A/70	X	A/70	ND	C	ND	X	A/70	A	X
Dimethylamine	ND	ND	A	C	C	X	B	ND	X	X	A	ND
Disodium Phosphate	ND	C	A	A	C	C	ND	ND	C	C	A	A/150
Epichlorohydrin	X	A	B/125	X	X	X	B	X	X	C	A	X
Ethanol	B	A	A	A	A	A	B	C	C	A	A	X
Ethyl Acetate	B	A	A	X	X	X	C	C	X	B	A	X
Ethyl Alcohol	B	A	A	A	A	A	B	X	C	A	A	X
Ethylene Glycol	A	A	A	A	A	A	A	A	A	A	A	B
Ferric Chloride	X	ND	A	A	A	A	A	X	A	A	A	A
Ferric Hydroxide	ND	A	A	A	X	B	B	ND	A	A	A	ND
Ferric Sulfate	X	A	A	A	A	A	A	C	A	A	A	C
Ferric Sulfide	ND	C	A	A	ND	ND	ND	ND	ND	ND	ND	ND

Chemical Name	Aluminum	316SS	Polypropylene	PVDF	Neoprene	Buna	Santoprene	Hytrel	FKM	EPDM	PTFE	Polyurethane
Formaldehyde, 37%	A	A	A	A	C	B	B	C	A	A	A	X
Formaldehyde, 50%	B	A	A	B	C	X	C	X	A	B	A	X
Formic Acid	X	C	B	A	C	X	A	C	C	B	A	X
Fuel Oil	A	A	B	A	A	A	C	C	A	X	A	B
Furfural	A	A	X	B	C	X	C	C	X	A	A	X
Gasoline, Unleaded	A	A	X	A	X	A	C	A	A	X	A	X
Heptane	A	A	X	A	C	A	C	C	A	X	A	B
Hexane	A	A	X	A	X	A	C	C	A	X	A	B
Hexyl Alcohol	A	A	A/70	A	C	A	B	ND	A	A	A	X
Hydrochloric Acid, 10%	X	X	A	A	B	A	A	C	A	A	A	B
Hydrochloric Acid, 15%	X	X	A	A	B	B	A	X	A	A	A	B
Hydrochloric Acid, 2%	X	X	A	A	B	A	A	C	A	A	A	B
Hydrochloric Acid, 20%	X	X	A	A	C	X	A	X	A	A	A	C
Hydrochloric Acid, 25%	X	X	A	A	C	X	A	X	A	A	A	C
Hydrochloric Acid, 37%	X	X	A	A	C	X	A	X	B	B	A	X
Hydrofluoric Acid, 30%	X	X	X	A	C	X	X	X	A	C	A	X
Hydrofluoric Acid, 40%	X	X	X	A	C	X	X	X	A	X	A	X
Hydrofluoric Acid, 48%	X	X	A/140	A	X	X	X	X	A	X	A	X
Hydrofluoric Acid, 50%	X	X	A/150	A	X	X	X	X	A	X	A	X
Hydrofluoric Acid, 70%	X	X	B/72	A	X	X	X	X	ND	X	A	X
Hydrofluosilicic Acid, 20%	X	X	A	A	B	C	B	C	A	A	A	X
Hydrofluosilicic Acid, 50%	X	X	A	A	C	C	B	C	A	B	A	X
Hydrogen Peroxide, 30%	A	B	A	A	X	X	A	X	A	C	A	C
Hydrogen Peroxide, 5%	A	A	A	A	C	B	A	X	A	B	A	C
Hydrogen Peroxide, 50%	A	C	C	A	X	X	A	X	A	C	A	C
Hydrogen Peroxide, 90%	A	B	X	A	X	X	X	X	A	C	A	C
Hydrogen Sulfide, Aqueous (wet gas)	C	A	A	A	C	X	A	A	X	A	A	X
Isobutyl Alcohol	A	A	A	A	B	C	A	ND	B	A	A	X
Isooctane	A	A	A/70	A	B	A	C	A	A	X	A	B
Isopropanol	A	A	A	A	A	B	B	A	A	A	A	X
Kerosene	A	A	B/72	A	C	A	X	A	A	X	A	B
Lye Solutions	X	A	ND	ND	B	X	A	X	ND	ND	A	X
Magnesium Sulfate	A	A	A	A	A	A	A	C	A	A	A	X
Methane	A	A	B/120	A	B	A	X	C	A	X	A	C

Chemical Name	Aluminum	316SS	Polypropylene	PVDF	Neoprene	Buna	Santoprene	Hytrel	FKM	EPDM	PTFE	Polyurethane
Methyl Alcohol	B	A	A/70	A	A	A	A	C	X	A	A	X
Methyl Ethyl Ketone	B	A	X	X	X	X	B	C	X	A	A	X
Methylamine	B	A	X	X	A	B	A	ND	X	A	A	X
Monoethanolamine	B	A	X	X	C	C	A	ND	X	A	A	X
Naphtha	A	A	X	A	X	A	X	A	A	X	A	C
Nickel Acetate	B	A	A	A	B	C	A	ND	X	A	A	X
Nickel Chloride	X	B	A	A	A	A	A	X	A	A	A	A
Nickel Nitrate	X	A	A	A	A	A	A	ND	A	A	A	A
Nickel Sulfate	X	A	A	A	A	A	A	X	A	A	A	A
Nitric Acid, 10%	X	A	A	A	B	X	A	X	A	B	A	X
Nitric Acid, 25-35%	X	A	A	A	C	X	B	X	A	B	A	X
Nitric Acid, 40%	X	A	A/104	A	X	X	X	X	A	X	A	X
Nitric Acid, 50%	X	A	A/104	A	X	X	X	X	A	X	A	X
Nitric Acid, 70%	X	A	X	A	X	X	X	X	A	X	A	X
Nitric Acid, 90%	X	A	X	A	X	X	X	X	A	X	A	X
Nitric Acid, White Fuming	X	ND	X	X	X	X	X	X	B	X	A	X
Octane	ND	C	A/75	A	X	C	B	ND	A	X	A	X
Octanol, 1	A	A	A	A	B	B	B	ND	C	A	A	X
Oxalic Acid	B	A	A	B	B	C	A	X	A	A	A	X
Peracetic Acid, 40%	X	B	X	C	B	ND	C	X	A	B	A	ND
Perchloric Acid, 10%	X	B	A	A	B	X	X	X	A	A	A	X
Perchloric Acid, 70%	ND	X	A/120	A	X	X	X	X	A	A	A	X
Phenol	B	A	A/104	A	C	X	A	X	A	X	A	X
Phosphoric Acid, 10% (Air Free)	X	A	A	A	B	B	A	ND	A	A	A	A
Phosphoric Acid, 25% (Air Free)	X	A	A	A	B	B	A	ND	A	A	A	C
Phosphoric Acid, 50% (Air Free)	X	A	A	A	C	X	B	ND	A	A	A	C
Phosphoric Acid, 70% (Air Free)	X	A	A	A	C	X	C	X	A	A	A	C
Phosphoric Acid, 85% (Air Free)	X	A	A	A	C	X	C	X	A	A	A	X
Plating Solutions, Brass	C	A	A	A	C	B	A	ND	A	C	A	A/150
Plating Solutions, Cadmium	A	A	A	A	C	A	A	ND	A	C	A	A/150
Plating Solutions, Chrome	A	C	C	A	X	X	A	ND	A	C	A	X
Plating Solutions, Copper	A	X	A	A	C	A	A/70	ND	A	A	A	X
Plating Solutions, Gold	ND	A	A	A	C	C	A/70	ND	A	C	A	A/150
Plating Solutions, Iron	C	A	A	A	C	A	A/70	ND	A	A/70	A	ND

Chemical Name	Aluminum	316SS	Polypropylene	PVDF	Neoprene	Buna	Santoprene	Hytrel	FKM	EPDM	PTFE	Polyurethane
Plating Solutions, Lead	C	C	A	A	B	A	A	ND	A	C	A	A/150
Plating Solutions, Nickel	ND	C	A	A	C	X	A/70	ND	A	C	A	A/150
Plating Solutions, Rhodium	ND	X	A	A	A/150	C	ND	ND	A	B	A	A/150
Plating Solutions, Silver	C	A	A	A	C	A	ND	ND	A	B	A	A/150
Plating Solutions, Speculum	ND	ND	A	A	ND	ND	ND	ND	ND	ND	ND	ND
Plating Solutions, Tin	ND	C	A	A	C	A	ND	ND	A	A	A	A/150
Plating Solutions, Zinc	ND	X	A	A	C	A	ND	ND	A	C	A	A/150
Potassium Bicarbonate	B	A	A/70	A	A	A	A	ND	A	A	A	C
Potassium Bisulfate	A	A	A	A	A	A	A/70	ND	A	A	A	ND
Potassium Bromide	A	A	A	A	A	A	A	ND	A	A	A	C
Potassium Chlorate	X	A	A	A	A	C	A	ND	A	A	A	A
Potassium Chloride	X	A	A	A	A	A	A	C	A	A	A	A
Potassium Cyanate	C	B	A/70	ND	A	ND	A	ND	A	A/70	A	ND
Potassium Cyanide	X	A	A	A	A	A	A	C	A	A	A	A
Potassium Hydroxide, 25%	X	A	A	X	B	A	A	ND	A	A	A	C
Potassium Hydroxide, 35%	X	A	A	X	B	A	A	ND	A	A	A	C
Potassium Hydroxide, 50%	X	A	A	X	C	A	C	X	A	A	A	C
Potassium Permanganate	C	B	A/70	X	C	X	A	ND	A	A	A	B
Potassium Permanganate, 10%	C	A	A	A	C	X	A	ND	A	A	A	ND
Potassium Permanganate, 25%	C	C	A	A	C	X	A/70	ND	A	A	A	ND
Potassium Sulfide	X	B	A	A	A	C	ND	ND	A	C	A	A
Potassium Sulfite	A	B	A	A	A	A	ND	ND	A	C	A	C
Propanol (Propyl Alcohol)	A	A	A	A	B	A	A	ND	A	A	A	X
Propionic Acid	X	A	A	A	C	X	C	ND	X	A	A	X
Propyl Alcohol (propanol)	A	A	A	A	A	A	A	ND	A	A	A	X
Salicylic Acid	A	B	A	A	C	C	ND	ND	B	A	A	C
Sea Water	C	A	A	A	B	A	A	C	A	A	A	A
Silver Nitrate, 0-60%	X	A	A	A	A	A	A	ND	A	A	A	A
Silver Nitrate, 100%	X	B	A	A	C	A	A/70	ND	A	A	A	C
Silver Sulfate	ND	ND	A	A	A/70	A	ND	ND	A	A	ND	ND
Sodium Benzoate	A	ND	A	A	C	C	ND	ND	A	A	A	C
Sodium Bicarbonate	B	A	A	A	A	A	A	B	A	A	A	A
Sodium Bichromate	C	B	A	A	A	A	A	ND	A	A	A	A
Sodium Bisulfate	X	A	A	A	A	A	A	X	A	A	A	A

Chemical Name	Aluminum	316SS	Polypropylene	PVDF	Neoprene	Buna	Santoprene	Hytrel	FKM	EPDM	PTFE	Polyurethane
Sodium Bisulfite	B	B	A	A	A	A	A	C	A	A	A	A
Sodium Borate	C	A	A	A	A	A	A	B	A	A	A	A
Sodium Bromate	ND	ND	A	A	A/70	ND	ND	ND	A/140	A/140	A	C
Sodium Bromide	C	B	A	A	A	ND	ND	ND	A	C	A	ND
Sodium Carbonate	X	A	A	A	A	A	A	C	A	A	A	A
Sodium Chlorate 25%	B	B	A	A	B/200	A	A/70	A/70	A	A	A	A/150
Sodium Chlorate 50-60%	X	C	A	A	B/200	A	A/70	A/70	A	A	A	A/150
Sodium Chlorate 60-70%	X	C	A	A	B/200	A	A/70	A/70	A	A	A	A/150
Sodium Chlorate 70-80%	X	C	A	A	B/200	A	A/70	A/70	A	A	A	B/150
Sodium Chlorate 80-100%	X	C	A	A	B/200	A	A/70	A/70	A	A	A	B/150
Sodium Chloride	C	A	A	A	A	A	A	A	A	A	A	A
Sodium Chlorite	ND	ND	A	A	A/70	X	ND	ND	X	X	A	C
Sodium Chromate	C	A	A	A	A	A	A	A	A	A/70	A	C
Sodium Cyanide	X	A	A	A	A	A	A	A	A	A	A	B
Sodium Dichromate	ND	B	A	B	B	C	A/70	X	C	C	A	B
Sodium Dithionite	ND	A	A	A	ND	X	ND	ND	C	C	A	C
Sodium Dithionite 12%	ND	A	A	A	ND	X	ND	ND	C	C	A	ND
Sodium Ferricyanide	ND	C	A	A	A/70	C	ND	ND	A	A	A	C
Sodium Ferrocyanide	ND	C	A	A	A	C	ND	ND	A	A	A	C
Sodium Fluoride	X	B	A	A	A	C	ND	ND	A	A	A	C
Sodium Fluoride, 5%	X	C	A	A	A	C	ND	ND	A	A	A	ND
Sodium Fluorosilicate	ND	C	A/70	A	A/70	ND	ND	ND	ND	A/70	ND	ND
Sodium Formate	A	A	C	A	X	X	ND	ND	C	X	A	ND
Sodium Hydrogen Phosphate	X	A	A	A	C	A	ND	C	A	A	A	A
Sodium Hydroxide, 10%	X	A	A	X	B	A	A	X	X	A	A	C
Sodium Hydroxide, 15%	X	A	A	X	B	A	A	X	X	A	A	C
Sodium Hydroxide, 25%	X	A	A	X	B	A	A	X	X	A	A	C
Sodium Hydroxide, 30%	X	A	A	X	B	A	A	X	X	A	A	C
Sodium Hydroxide, 50%	X	A	A	X	C	X	A	X	X	A	A	C
Sodium Hypochlorite, 12.5%	X	C	B/72	A	B	X	A	C	B	A/122	A	X
Sodium Hypochlorite, 5%	X	A	X	A	B	X	A	C	B	A/122	A	C
Sodium Iodide	ND	ND	A	A	B/140	ND	ND	ND	B/140	A/140	A	ND
Sodium Metaphosphate	C	C	A	A	B	A	A	ND	A	A	A	B
Sodium Nitrate	A	A	A	A	B	A	A	B	A	A	A	B

Chemical Name	Aluminum	316SS	Polypropylene	PVDF	Neoprene	Buna	Santoprene	Hytrel	FKM	EPDM	PTFE	Polyurethane
Sodium Nitrite	A	A	A	A	X	A	ND	ND	A	A	A	C
Sodium Perchlorate	ND	A	A	A	A/70	ND	ND	ND	ND	A/70	A	C
Sodium Perchlorate, 10%	ND	A	A	A	A/70	ND	ND	ND	ND	A/70	A	ND
Sodium Permanganate	ND	ND	A	A	ND	ND	ND	ND	ND	ND	A	C
Sodium Peroxide	C	A	A	A	B	B	B	B	A	A	A	X
Sodium Phosphate, Acid, Monobasic	X	B	A	A	C	A	A	C	A	A	A	A
Sodium Phosphate, Alkaline, Tribasic	X	B	A	A	B	A	A	B	A	A	A	A
Sodium Phosphate, Neutral, Dibasic MSDS	X	A	A	A	B	A	A	C	A	A	A	A
Sodium Silicate	A	A	A	A	A	A	A	A	A	A	A	B
Sodium Sulfate	B	A	A	A	A	A	A	A	A	A	A	A
Sodium Sulfide	B	A	A	A	A	A	A	A	A	A	A	C
Sodium Sulfite	A	A	A	A	A	A	A	A	A	A	ND	C
Stannic Chloride	X	X	A	A	A	A	A	B	A	A	A	B
Stannous Chloride	X	A	A	A	A	A	B	B	C	X	A	C
Stearic Acid	C	A	A	A	B	A	C	B	A	A	A	A
Stoddards Solvent	A	A	B	A	C	A	X	A	A	X	A	B
Styrene	A	A	X	A	X	X	C	X	A	ND	A	X
Sulfamic Acid	A	X	A	A	A	X	ND	A	A	X	A	X
Sulfur Dichloride	ND	ND	X	C	ND	X	ND	ND	C	X	A	ND
Sulfur Dioxide, Wet 100%	X	A	A	A	X	X	ND	X	A	A	A	X
Sulfur Dioxide, Wet 10-80%	X	A	A	A	A	X	ND	X	A	A	A	X
Sulfuric Acid, 10% (air free)	X	B	A	A	A	A	A	A	A	A	A	C
Sulfuric Acid, 100% (air free)	X	B	X	X	X	X	X	X	A	X	A	X
Sulfuric Acid, 20% (air free)	X	X	A	A	B	A	A	A	A	A	A	C
Sulfuric Acid, 3% (air free)	X	B	A	A	A	A	A	C	A	A	A	C
Sulfuric Acid, 30% (air free)	X	X	A	A	C	A	A	A	A	A	A	C
Sulfuric Acid, 33% (air free)	X	X	A	A	C	A	A	A	A	A	A	C
Sulfuric Acid, 50% (air free)	X	X	A	A	C	B	B	A	A	A	A	X
Sulfuric Acid, 60% (air free)	X	X	A	A	X	B	B	X	A	A	A	X
Sulfuric Acid, 70% (air free)	X	X	A	A	X	B	B	X	A	A	A	X
Sulfuric Acid, 80% (air free)	X	X	A	A	X	B	B	X	A	A	A	X
Sulfuric Acid, 85% (air free)	X	X	A	A	X	X	C	X	A	B/104	A	X
Sulfuric Acid, 90% (air free)	X	X	B	A	X	X	C	X	A	B	A	X
Sulfuric Acid, 93% (air free)	X	X	C	A	X	X	C	X	A	B	A	X

Chemical Name	Aluminum	316SS	Polypropylene	PVDF	Neoprene	Buna	Santoprene	Hytrel	FKM	EPDM	PTFE	Polyurethane
Sulfuric Acid, 95% (air free)	X	X	X	A	X	X	C	X	A	X	A	X
Sulfuric Acid, 96% (air free)	X	X	X	A	X	X	C	X	A	X	A	X
Sulfuric Acid, 98% (air free)	X	B	X	B	X	X	C	X	A	X	A	X
Sulfuric Acid, Fuming	X	B	X	X	X	X	X	X	A	X	A	X
Tannic Acid, 10%	C	A	A	A	B	A	A	A	A	A	A	A
Tannic Acid, 100%	X	A	A	A	C	A	C	B/120	A	A	A	C
Tetrahydrofuran	X	A	X	X	X	X	X	C	X	X	A	X
Toluene	A	A	X	A	ND	X	X	C	B	X	A	X
Toluene, Toluol	A	A	X	A	X	X	X	C	B	X	A	X
Trichloroethylene	X	A	X	A	X	X	X	X	C	X	A	X
Triethylamine	ND	A	X	B	B	A	B/70	ND	A	A	A	X
Trimethylamine	ND	A	A/70	A	A/70	ND	ND	ND	X	ND	A	ND
Turpentine	A	A	X	A	X	A	X	B	A	X	A	B
Urea	B	A	A	A	B	A	A	B	A	A	A	C
Water, Deionized	A	A	A	A	C	A	A	A	A	A	A	A/70
Water, Demineralized	ND	A	A	A	ND	A/140	A/120	ND	A	A	A	ND
Water, Distilled	B	A	A	A	C	A	A	A	A	A	A	A
Water, Fresh	A	A	A	A	B	A	A	A	A	A	A	A
Water, Salt	C	A	A	A	C	A	A	C	A	A	A	C
Water, Sea	C	A	A	A	C	A	A	C	A	A	A	C
White Liquor	ND	A	A	A	C	B	A/70	ND	A	A	A	X
Xylene	A	B	X	A	X	X	X	C	A	X	A	X
Xylol	A	B	X	A	X	X	X	C	A	X	A	X
Zinc Chloride	X	A	A	A	B	A	A	C	A	A	A	A
Zinc Sulfate	X	B	A	A	A	A	A	X	A	A	A	A
ACETALDEHYDE	A	A	C	A	X	X	B	B	X	A	A	X
ACETOPHENONE	B	A	A/75	A	X	X	B	ND	X	B	A	X
ACETYL CHLORIDE	X	A	X	A	X	X	B	X	B	X	A	X
ADIPIC ACID	B	A	A	A	X	B	B	ND	A	A	A	A
ALUM	A	A	A	A	A	A	A	ND	X	A	A	B/104
ANILINE DYES	B	A	ND	A	C	C	B	X	B	C	A	X
ANIMAL FATS	A	A	A	A	C	A	C	B	A	B	A	B
ANTI-FREEZE	A	A	A	A	B	A	A	A	A	A	A	B
AROMATIC HYDROCARBONS	A	A	X	A	X	X	C	C	A	X	A	X

Chemical Name	Aluminum	316SS	Polypropylene	PVDF	Neoprene	Buna	Santoprene	Hytrel	FKM	EPDM	PTFE	Polyurethane
ASPHALT	A	A	A	A	C	B	B	B	A	X	A	B
BEER	A	A	A	A	A	C	A	B	A	A	A	X
BEET SUGAR LIQUIDS	A	A	A	A	A	A	A	B/70	A	A	A	X
BENZOIC ACID	B	A	X	A	B	X	C	ND	A	B	A	X
BENZOL	B	A	X	A	X	X	B	X	B	X	A	X
BORIC ACID	A	A	A	A	A	A	A	A	A	A	A	A
BUNKER OIL	A	A	ND	ND	C	A	B	ND	A	X	A	C
BUTTER	A	A	A/70	A	C	A	B	B	A	A	A	A
BUTTERMILK	A	A	C	A	A	A	A	ND	A	A	A	A
CALGON	ND	A	A	B	A	A	A	ND	A	A	A	X
CANE JUICE	B	A	X	B	A	A	A	B/70	A	A	A	C
CARBONATED WATER	C	A	A	A	A	A	A	A	A	A	A	A
CASTOR OIL	A	A	A	A	A	A	B	B	A	B	A	A
CATSUP (KETCHUP)	B	A	A	A	C	A	A	A/70	A	A	A	C
CHLOROFORM	X	A	X	A	X	X	X	X	A	X	A	X
CHOCOLATE SYRUP	A	A	A/120	A	A	A	A	ND	A	A	A	ND
CIDER	B	A	A	A	A	A	A	B	A	A	A	X
CLOROX (BLEACH)	X	A	X	A	B	C	B	ND	A	A	A	X
COD LIVER OIL	A	A	A	A	B	B	C	ND	A	A	A	A
COFFEE	A	A	A/70	ND	A	A	A	ND	A	A	A	X
CORN OIL	B	B	A	A	C	A	B	A	A	C	A	A
CREAM	A	A	A/70	ND	C	B	A	ND	A	A	A	ND
CREOSOTE	B	B	X	A	C	A	B	X	A	X	A	C
CRUDE OIL	A	A	B	A	B	B	C	B/70	A	X	A	B
CUTTING OIL (SULFUR BASE)	A	A	A/70	ND	C	A	X	ND	A	X	A	A
CUTTING OIL (WATER SOLUBLE)	A	A	A/70	ND	X	C	X	ND	A	X	A	A
DETERGENTS	B	A	A	A	A	A	B	B	A	A	A	C
DIESEL FUEL	A	A	B	A	C	A	C	B	A	X	A	C
DRY CLEANING FLUIDS	A	A	X	A	X	C	X	ND	A	X	A	C
FISH OIL	ND	A	A	ND	B	A	B	ND	A	X	A	B
FREON 11	X	A	A/70	A	C	C	X	A	B	X	A	X
FREON 22	X	A	A/75	A	B	X	X	X	X	C	A	X
FRUIT JUICE	A	A	A	A	A	A	A	B	A	A	A	A
GELATIN	A	A	A	A	A	A	A	B	B	A	A	X

Chemical Name	Aluminum	316SS	Polypropylene	PVDF	Neoprene	Buna	Santoprene	Hytrel	FKM	EPDM	PTFE	Polyurethane
GLYCERINE	A	A	A	A	A	A	A	A	A	A	A	B
GRAPE JUICE	B	A	A	A	X	C	A	ND	A	A	A	X
GREASE	A	A	B/70	A	X	A	B	A	A	X	A	A
HONEY	A	A	A	A	A	A	A	ND	A	A	A	ND
HYDRAULIC OILS (PETROLEUM)	A	A	X	A	B	A	X	X	A	X	A	A
HYDRAULIC OILS (SYNTHETIC)	A	A	X	A	X	X	A	X	A	X	A	B
HYPOCHLOROUS ACID	X	X	A	A	X	X	A	ND	A	B	A	X
INK	C	A	A	A	A	A	A	A	A	A	A	A
JET FUEL (JP3, JP4, JP5)	A	A	X	A	C	A	X	A	A	X	A	C
KETONES	B	A	X	X	X	X	X	ND	X	A	A	X
LACQUER SOLVENTS	A	A	C	X	X	X	C	C	X	X	A	X
LACQUERS	A	A	C	X	X	X	C	X	X	X	A	X
LARD	A	A	A	A	C	A	B	B	A	X	A	B
MAYONNAISE	X	A	A/70	C	A	A	A	A/70	A	A	A	X
MILK	A	A	A	A	A	B	A	B	A	A	A	X
MOLASSES	A	A	A	A	A	A	A	B	A	A	A	B
MUSTARD	B	A	A	A	A	C	A	B	X	A	A	B
PARAFFIN	A	A	A	A	B	A	A	A/140	A	X	A	A
PROPANE (LIQUIFIED)	A	A	B/100	A	B	A	C	B	A	X	A	B
RUBBER SOLVENT	A	A	ND	ND	C	X	ND	ND	X	ND	A	ND
SEWAGE	B	A	A	A	B	A	A	B	A	C	A	X
SOAP SOLUTIONS	C	A	A	A	B	A	A	A	A	A	A	A
SOY SAUCE	A	A	A/70	ND	A	A	A	ND	A	ND	A	B
SOYBEAN	A	A	B	A	A	A	A	A	A	X	A	B
SUCROSE	A	A	A	ND	A	A	A	A	A	A	A	X
SUCROSE SOLUTION	A	A	A	A	A	A	A	A	A	A	A	X
SUGAR (LIQUIDS)	A	A	A	A	A	A	A	ND	A	A	A	X
TANNING LIQUORS	A	A	A/130	A	B	A	A	ND	A	B	A	X
TAR, BITUMINOUS	A	A	A	A	C	B	B	X	A	X	A	B
TOMATO JUICE	B	A	A	A	A	A	A	A/70	A	A	A	A
TOOTHPASTE	ND	A	ND	ND	C	A	ND	ND	A	A	A	ND
VEGETABLE OIL	A	A	X	A	C	B	B	B	A	A	A	A
VINEGAR	C	A	A	A	B	C	A	C	A	A	A	C
WHISKEY	A	A	A	A	A	B	A	B	A	A	A	X

Chemical Name	Aluminum	316SS	Polypropylene	PVDF	Neoprene	Buna	Santoprene	Hytrel	FKM	EPDM	PTFE	Polyurethane
WINE	C	A	A	A	A	A	A	A	B	A	A	X
OLIVE OIL	A	A	A	A	B	A	B	A	A	X	A	A
PETROLATUM	B	A	B	A	B	A	B	ND	A	X	A	X
PERCHLOROETHYLENE	X	A	X	A	X	X	X	X	A	X	A	X
PINE OIL	A	A	A/70	A	X	B	C	ND	A	X	A	X
PROPYLENE GLYCOL	A	A	A	A	C	A	A	ND	A	A	A	B
VARNISH	A	A	A/70	A	X	B	X	A	A	X	A	C
ORANGE OIL	A	A	B/70	A	C	A	C	ND	A	B	A	ND