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1-800-HOT-HOGS® (468-4647)

Chemical Compatibility Guide for: High Five™ Gloves

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Chemical Compatibility Guide

This Chemical Resistance Chart is intended to provide general information about the reactions of different glove materials to the chemicals listed. This information is based upon published research data. No specific brand of gloves has been individually tested against these chemicals. Variability in glove thickness, chemical concentration, temperature and length of exposure to chemicals will affect the performance.

Disclaimer: This information should be used for reference purpose only. User must proceed with caution when handling these chemicals.

NOTE: E = Excellent G = Good F = Fair P = Poor

Chemical	NR Latex	Vinyl	Nitrile	Neoprene
Acetaldehyde	F	P	P	F
Acetamide	F	P	P	F
Acetate Solvent	P	F	F	P
Acetic Acid	G	P	F	F
Acetic Acid 20%	P	G	G	E
Acetic Acid 80%	F	F	F	F
Acetic Acid, Glacial	F	P	F	P
Acetic Anhydride	F	P	P	E
Acetone	F	P	P	F
Acetyl Bromide	-	P	-	-
Acetyl Chloride (dry)	P	F	P	P
Acetylene	G	E	G	G
Acrylonitrile	G	G	P	F
Acrylic Acid	G	-	G	-
Adipic Acid	E	E	F	F
Alcohols: Amyl	G	E	G	E
Benzyl	P	P	P	P
Butyl	E	E	F	F
Diacetone	P	G	P	P
Ethyl	E	F	F	E
Hexyl	E	E	E	E
Isobutyl	E	E	G	E
Isopropyl	E	E	G	G
Methyl	E	E	E	E
Octyl	G	-	G	G
Propyl	E	E	E	E
Aluminum Chloride	E	E	E	E
Aluminum Chloride 20%	E	E	E	E
Aluminum Fluoride	G	E	E	E
Aluminum Hydroxide	P	E	E	E
Aluminum Nitrate	E	G	E	E
Aluminum Potassium Sulfate 10%	E	E	E	E
Aluminum Potassium Sulfate 100%	E	E	E	E
Aluminum Sulfate	E	E	E	E
Alums	E	-	E	G
Amines	G	P	P	G
Ammonia 10%	P	G	E	E
Ammonia Nitrate	-	G	F	F
Ammonia anhydrous	P	E	G	E
Ammonia Liquid	P	E	F	E
Ammonium Acetate	E	E	G	E
Ammonium Bifluoride	-	E	G	P

Chemical Compatibility Guide

Chemical	NR Latex	Vinyl	Nitrile	Neoprene
Ammonium Carbonate	E	E	G	E
Ammonium Caseinate	-	-	-	E
Ammonium Chloride	E	E	G	G
Ammonium Fluoride 30-70%	E	-	E	-
Ammonium Hydroxide 30-70%	P	E	P	E
Ammonium Hydroxide < 30%	E	-	E	-
Ammonium Nitrate	F	E	E	G
Ammonium Oxalate	-	E	P	E
Ammonium Persulfate	E	E	E	E
Ammonium Phosphate, Dibasic	E	E	E	E
Ammonium Phosphate, Monobasic	E	E	E	E
Ammonium Phosphate, Tribasic	E	E	E	E
Ammonium Sulfate	E	E	E	E
Ammonium Sulfite	E	E	E	E
Ammonium Thiosulfate	-	-	E	E
Amyl Acetate	P	P	P	P
Amyl Chloride	P	P	P	P
Aniline	P	F	P	P
Aniline Hydrochloride	E	G	P	P
Antifreeze	E	E	E	F
Antimony Trichloride	-	E	G	-
Aqua Regia (80% HCL, 20%HNO3)	P	F	P	P
Arochlor 1248	P	-	F	P
Aromatic Hydrocarbons	P	P	P	P
Arsenic Acid	G	E	E	E
Arsenic Salts	-	E	-	-
Asphalt	P	E	G	P
AZT	G	-	-	-
Barium Carbonate	-	E	E	-
Barium Chloride	E	E	E	E
Barium Cyanide	-	P	F	F
Barium Hydroxide	E	E	E	E
Barium Nitrate	E	E	E	E
Barium Sulfate	E	G	E	E
Barium Sulfide	E	E	E	E
Beer	E	E	E	E
Beer Sugar Liquids	E	E	E	E
Benzaldehyde	P	P	P	P
Benzene	P	F	P	P
Benzene Sulfonic Acid	E	E	P	E
Benzoic Acid	P	E	P	G
Benzol	P	-	P	P
Benzonitrile	-	-	-	-
Bromopropionic Acid	G	-	F	-
Benzyl Chloride (a)	P	P	P	P
Bleaching Liquors	P	E	P	P
Borax (Sodium Borate)	E	E	G	E
Boric Acid	E	E	E	P
Brewery Slop	-	-	E	E
Bromine	P	F	P	P
Butadiene	P	F	P	G
Butane	P	F	E	E
Butanol (Butyl Alcohol)	E	F	E	E

Chemical Compatibility Guide

Chemical	NR Latex	Vinyl	Nitrile	Neoprene
Butter	P	-	E	G
Butter Milk	P	E	E	P
Butyl Acrylate	P	-	P	-
Butyl Amine	P	P	-	P
Butyl Cellusolve	G	-	G	-
Butyraldehyde	P	G	-	G
Butyl Ether	P	E	G	P
Butyl Phthalate	P	-	P	P
Butylacetate	P	P	P	P
Butylene	P	E	E	P
Butyric Acid	P	G	P	P
Calcium Bisulfate	E	-	E	E
Calcium Bisulfide	P	E	E	E
Calcium Bisulfite	P	G	E	E
Calcium Carbonate	E	E	E	E
Calcium Chlorate	E	G	E	-
Calcium Chloride (30% in water)	E	F	E	E
Calcium Hypochlorite	P	G	F	P
Calcium Hydroxide	E	G	E	E
Calcium Nitrate	E	E	E	E
Calcium Oxide	G	G	E	E
Calcium Sulfate	G	G	E	G
Calgon	E	-	E	E
Cane Juice	E	E	E	E
Carbolic Acid (Phenol)	P	P	P	P
Carbon Bisulfide	P	P	F	P
Carbon Dioxide (dry)	G	E	E	G
Carbon Dioxide (wet)	G	E	E	G
Carbon Disulfide	P	P	P	P
Carbon Monoxide	P	E	E	G
Carbon Tetrachloride (dry)	P	P	P	P
Carbon Tetrachloride (wet)	P	-	F	P
Carbonate Water	-	E	E	E
Carbonic Acid	F	E	P	P
Catsup	-	E	E	E
Chloric Acid	-	E	-	-
Chlorinated Glue	-	-	G	P
Chlorine Water	F	E	P	P
Chlorine, Anhydrous Liquid	F	P	P	P
Chlorine (dry)	P	P	G	F
Chloroacetic Acid	P	G	P	P
Chloroacetone	F	P	-	E
Chlorobenzene (mono)	P	P	P	P
Chlorobromomethane	P	P	P	P
Chloroform (a)	P	P	P	P
Chlorosulfonic Acid	P	P	P	P
Chocolate Syrup	P	-	E	E
Chromic Acid (5%)	G	E	P	P
Chromic Acid (10%)	P	E	P	P
Chromic Acid (30%)	P	E	P	P
Chromic Acid (50%)	P	P	P	P
Chromium Salts	-	E	-	-
Cider	-	E	E	E

Chemical Compatibility Guide

Chemical	NR Latex	Vinyl	Nitrile	Neoprene
Citric Acid	E	G	E	E
Citric Oils	-	-	E	P
Clorox (Bleach)	P	E	P	G
Coffee	E	-	E	E
Copper Chloride	F	E	E	E
Copper Cyanide	E	E	E	E
Copper Fluoborate	-	E	G	E
Copper Nitrate	F	E	E	E
Copper Sulfate (5%)	F	E	E	E
Copper Sulfate (>5%)	F	E	E	E
Cream	-	-	E	P
Cresols	P	P	P	P
Cresylic Acid	P	P	P	P
Cupric Acid	G	E	G	E
Cyanic Acid	--	-	F	F
Cyclohexane	P	P	G	P
Cyclohexanone	P	P	P	P
Cisplatin	G	-	G	-
Cyclohexylamine	P	-	E	-
Detergents	G	E	E	G
Diacetone Alcohol	F	P	P	P
Dibenzyl Ether	F	P	-	G
Dibutyl Phthalate	F	P	-	G
Dichlorobenzene	P	P	P	P
Dichloroethane	P	P	P	P
Diesel Fuel	P	E	E	G
Diethanolamine	F	E	-	E
Diethylamine	E	P	F	E
Diethyl Ether	P	P	P	P
Diethylene Glycol	E	F	E	E
Dimethyl Aniline	P	P	P	P
Dimethyl Formamide	F	P	P	P
Dimethyl Sulfoxide (b)	E	-	G	-
Diphenyl	P	-	P	G
Diphenyl Oxide	P	P	E	P
Dyes	-	G	-	-
Di-N-Butylamine	P	-	E	-
Dichloroacetyl Chloride	P	-	P	-
1, 3 - Dioxane	F	-	P	-
1, 4 - Dioxane	P	-	P	-
Epichlorohydrin	F	-	P	-
Epsom Salts (Magnesium Sulfate)	G	E	E	E
Ethane	P	E	E	G
Ethyl Acetate	F	P	P	P
Ethanol	E	F	F	E
Ethanolamine	G	P	G	G
Ether	P	P	P	P
Ethyl Acetate	F	P	P	P
Ethyl Benzoate	P	P	P	P
Ethyl Chloride	G	P	E	F
Ethyl Ether	P	P	P	P
Ethyl Sulfate	-	-	E	-
Ethylene Bromide	F	P	P	F

Chemical Compatibility Guide

Chemical	NR Latex	Vinyl	Nitrile	Neoprene
Ethylene Chloride	P	P	P	P
Ethylene Chlorohydrin	F	P	P	E
Ethylene Diamine	G	P	E	G
Ethylene Dichloride (a)	P	P	P	P
Ethylene Glycol	E	E	E	E
Ethylene Oxide	P	P	P	P
Ethylene Trichloride (a)	P	P	-	P
Fatty Acids	F	E	G	F
Ferric Chloride	E	E	E	G
Ferric Nitrate	E	E	E	E
Ferric Sulfate	E	E	E	E
Ferrous Chloride	E	E	E	E
Ferrous Sulfate	G	E	E	-
Fluoboric Acid	E	E	E	E
Flourine	F	P	P	-
Fluosillcic Acid	E	P	E	E
Formaldehyde, 30-70%	G	E	G	G
Formaldehyde, 100%	F	E	F	F
Formic Acid	E	E	F	F
Freon 11	P	E	G	P
Freon 12	F	E	E	E
Freon 22	P	E	P	E
Freon 113	P	G	E	F
Freon TF	P	G	E	E
Fruit Juice	P	E	E	E
Fuel Oils	P	E	P	G
Furan Resin	P	E	P	P
Furfural	P	P	P	P
Gallic Acid	E	G	G	G
Gasoline (high-aromatic)	P	E	E	E
Gasoline leaded, ref	P	G	E	G
Gasoline, unleaded	P	F	E	G
Gelatin	E	G	E	E
Glucose	E	E	E	E
Glue, P.V.A	E	F	E	E
Glutaraldehyde, <5%	G	-	G	-
Glycerol	G	E	E	G
Glycolic Acid	P	G	E	E
Gold Monocyanide	-	-	E	E
Grape Juice	P	E	E	P
Grease	P	E	E	P
Heptane	P	F	E	G
Honey	P	G	E	G
Hydraulic Oil (Petrol)	P	E	E	E
Hydraulic Oil (Synthetic)	P	E	P	E
Hexane	P	P	-	E
Hydrazine	F	-	G	G
Hydrobromic Acid, 20%	E	G	P	P
Hydrobromic Acid, 100%	E	E	P	P
Hydrochloric Acid, 20%	E	E	G	F
Hydrochloric Acid, 37%	E	G	G	G
Hydrochloric Acid, 100%	P	P	P	P
Hydrochloric Acid, dry gas	-	E	-	-

Chemical Compatibility Guide

Chemical	NR Latex	Vinyl	Nitrile	Neoprene
Hydrocyanic Acid	G	G	G	G
Hydrocyanic Acid (Gas 10%)	G	E	G	E
Hydrofluoric Acid (20%)	G	G	P	G
Hydrofluoric Acid (50%)	G	G	P	P
Hydrofluoric Acid (75%)	P	F	P	P
Hydrofluoric Acid (100%)	P	F	P	P
Hydrofluosilicic Acid 20%	E	E	E	G
Hydrofluosilicic Acid 100%	E	G	G	G
Hydrogen Gas	G	E	E	E
Hydrogen Peroxide 10%	G	E	P	P
Hydrogren Peroxide 30%	G	E	P	P
Hydrogren Peroxide 50%	F	E	P	P
Hydrogen Peroxide 100%	F	E	P	P
Hydrogen Sulfide (aqua)	F	G	P	E
Hydrogen Sulfide (dry)	F	E	P	E
Hydroquinone	E	G	P	E
Hydroxyacetic Acid 70%	-	P	E	E
Ink	P	F	E	E
Iodine	P	E	G	P
Iodine (in alcohol)	-	E	-	-
Iodoform	G	E	P	E
Isooctane	E	E	E	G
Isopropyl Acetate	P	P	P	P
Isopropyl Ether	E	G	G	P
Isotane	-	E	E	P
Isobutyl Alcohol	P	-	E	-
Isopropylamine	P	-	P	-
Jet Fuel (JP3, JP4, JP5, JP8)	P	F	E	P
Kerosene	P	E	E	E
Ketones	E	P	P	P
Lacquer Thinners	P	P	P	P
Lacquers	P	P	P	P
Lactic Acid	E	G	E	E
Lard	P	E	E	P
Latex	-	-	E	-
Lead Acetate	E	G	G	E
Lead Nitrate	E	E	E	E
Lead Sulfamate	G	G	G	E
Ligroin	P	-	E	G
Lime	-	G	E	E
Linoleic Acid	P	E	G	-
Lithium Chloride	G	P	E	E
Lithium Hydroxide	-	-	F	-
Lubricants	P	G	E	P
Lye : KOH Potassium Hydroxide	G	G	G	G
Lye : NaOH Sodium Hydroxide	E	E	E	G
Lye : Ca (OH)2 Calcium Hydroxide	G	G	E	E
Magnesium Bisulfate	G	E	G	G
Magnesium Carbonate	-	G	E	E
Magnesium Chloride	E	G	E	E
Mangesium Hydroxide	E	E	E	E
Magnesium Nitrate	E	E	E	E
Magnesium Oxide	-	-	E	E

Chemical Compatibility Guide

Chemical	NR Latex	Vinyl	Nitrile	Neoprene
Magnesium Sulfate (Epsom Salts)	G	E	E	E
Maleic Acid	G	E	P	P
Maleic Anhydride	P	-	P	P
Malic Acid	G	E	E	P
Manganese Sulfate	E	F	E	E
Mash	-	-	E	E
Mayonnaise	P	P	F	E
Malathion, 30-70%	E	-	E	-
Melamine	-	P	F	P
Mercuric Chloride (dilute)	E	E	E	E
Mercuric Cyanide	-	A	A	A
Mercurous Nitrate	G	E	G	G
Mercury	E	E	E	E
Methane	P	G	E	G
Methanol (Methyl Alcohol)	E	E	E	E
Methyl Acetate	P	P	P	G
Methyl Acetone	E	P	P	P
Methyl Acrylate	P	-	P	G
Methyl Alcohol 10%	E	E	E	E
Methylamine	G	E	E	G
Methyl Bromide	P	P	G	P
Methyl Butyl Ketone	P	E	P	P
Methyl Cellosolve	P	P	E	G
Methyl Chloride (a)	P	P	P	P
Methyl Dichloride	-	E	P	-
Methyl Methacrylate	P	-	P	-
Methylene Chloride (a)	F	F	G	F
Methyl Ethyl Ketone	F	P	G	G
Methyl Ethyl Ketone Peroxide	P	-	P	P
Methyl Isobutyl Ketone	P	P	P	P
Methyl Isopropyl ketone	P	P	P	P
Methyl Methacrylate	P	E	P	P
Methylamine	G	P	G	-
Methylene Chloride (a)	G	P	P	-
Milk	E	E	E	E
Mineral Spirits	P	E	E	F
Molasses	E	E	E	E
Monochloroacetic Acid	-	-	P	E
Monoethanolamine	G	P	G	P
Morpholine	E	-	P	P
Motor Oil	-	G	E	G
Mustard	G	G	G	E
Napthalene (a)	P	P	P	P
Naptha	P	E	E	P
Natural Gas	-	E	E	E
Nickel Chloride	E	E	E	G
Nickel Nitrate	E	E	E	E
Nickel Sulfate	G	E	E	E
Nitrating Acid (<1% acid)	F	P	-	E
Nitrating Acid (<15% H2SO4)	F	P	-	E
Nitrating Acid (>15%H2SO4)	F	P	P	E
Nitrating Acid (<15% HNO3)	F	P	-	E
Nitric Acid (5-10%)	P	E	P	G

Chemical Compatibility Guide

Chemical	NR Latex	Vinyl	Nitrile	Neoprene
Nitric Acid (20%)	P	E	P	P
Nitric Acid (50%)	P	G	P	P
Nitric Acid (conc)	P	G	P	P
Nitrobenzene	P	P	P	P
Nitromethane	G	G	P	P
Nitrous Acid	F	E	-	P
Nitrous Oxide	E	E	-	E
Oils				
Aniline	P	P	P	P
Anise	-	-	-	P
Bay	-	-	-	P
Bone	-	-	E	P
Castor	E	E	G	E
Cinnamon	-	P	-	F
Citric	-	G	P	P
Clove	-	-	E	F
Coconut	P	E	E	F
Cod Liver	P	E	E	G
Corn	P	G	P	E
Cottonseed	P	G	E	F
Creosote	P	F	P	F
Diesel Fuel (20,30,40,50)	P	G	E	G
Fuel (1,2,3,5A,5B,6)	P	E	G	P
Ginger	-	-	E	E
Hydraulic Acid (Petro)	P	E	E	E
Hydraulic Acid (Synthetic)	P	E	P	E
Linseed	P	E	E	P
Mineral	P	G	E	G
Olive	P	F	P	G
Orange	-	F	E	F
Palm	-	E	E	P
Peanut	P	E	E	G
Peppermint	-	-	P	P
Pine	P	P	P	P
Rapeseed	P	-	P	G
Rosin	-	F	E	-
Sesame Seed	-	E	E	P
Silicone	P	E	E	P
Soybean	P	E	E	F
Sperm (whale)	-	-	E	P
Tanning	-	-	E	P
Transformer	P	G	E	G
Turbine	P	E	G	P
Oleic Acid	P	F	G	F
Oleum 25%	P	P	P	P
Oleum 100%	P	P	P	P
Oxalic Acid (cold)	G	G	P	P
Ozone	P	G	P	F
Palmitic Acid	G	G	E	P
Paraffin	G	G	G	G
Pentane	P	E	E	G
PCB (Polychlorinated Biphenyls)	P	-	G	-
Perchloric Acid, 30-70%	F	F	P	E
Pentachlorophenol	P	F	F	P

Chemical Compatibility Guide

Chemical	NR Latex	Vinyl	Nitrile	Neoprene
Perchloroethylene	P	F	F	P
Peroxyacetic Acid	P	-	P	-
Petrolatum	F	G	E	E
Petroleum	P	-	E	G
Phenol, 10%	E	F	P	P
Phosphoric Acid, <40%	G	G	P	G
Phosphoric Acid, >40%	G	G	P	G
Phosphoric Acid (crude)	P	G	P	P
Phosphoric Acid (molten)	-	P	-	E
Phosphoric Acid Anhydride	-	-	P	E
Phosphorus	-	E	-	-
Phosphorus Trichloride	P	P	P	P
Photographic Developer	E	E	E	E
Photographic Solutions	G	E	G	G
Phthalic Acid	-	-	P	E
Phthalic Anhydride	E	P	P	E
Picnic Acid	P	P	F	E
Plating Solutions				
Antimony Plating 130 F	-	E	E	E
Arsenic Plating 110 F	-	E	E	E
Brass Plating				
Regular Brass Bath 100 F	-	E	E	E
High Speed Brass Bath 110 F	-	E	E	E
Bronze Plating				
Cu-Cd Bronze Bath R.T.	-	E	E	E
Cu-Sn Bronze Bath 160 F	-	P	E	E
Cu-Zn Bronze Bath 100 F	-	E	E	E
Cadmium Plating				
Cyanide Bath 90F	-	E	E	E
Fluoborate Bath 100F	-	E	G	F
Chromium Plating				
Barrel Chrome Bath 95 F	-	E	P	P
Black Chrome Bath 115 F	-	E	F	P
Chromic- Sulfuric Bath 130F	-	E	P	P
Fluoride Bath 130F	-	E	P	P
Fluosilicate Bath 95F	-	E	P	P
Copper Plating (Cyanide)				
Copper Strike Bath 120 F	-	E	E	E
High Speed Bath 180 F	-	P	E	G
Rochelle Salt Bath 150F	-	P	E	G
Copper Plating (Acid)				
Copper Fluoborate Bath 120 F	-	E	G	F
Copper Sulfate Bath R.T.	-	E	E	E
Copper Plating (Misc.)				
Copper Pyrophosphate	-	E	E	E
Copper (Electroless)	-	E	P	P
Gold Plating				
Acid 75 F	-	E	E	E
Cyanide 150 F	-	P	E	E
Neutral 75 F	-	E	E	E
Indium Sulfamate Plating R.T.	-	E	E	E
Iron Plating				
Ferrous Am Sulfate Bath 150F	-	P	E	G

Chemical Compatibility Guide

Chemical	NR Latex	Vinyl	Nitrile	Neoprene
Ferrous Chloride Bath 190F	-	P	G	P
Ferrous Sulfate Bath 150 F	-	P	E	G
Fluoborate Bath 145 F	-	P	G	F
Sulfamate 140 F	-	E	E	E
Sulfate-Chloride Bath 160 F				
Leas Fluoborate Plating	-	P	G	F
Nickel Plating				
Electroless 200 F	-	P	P	P
Fluoborate 100-170 F	-	E	G	E
High-Chloride 130-160F	-	P	E	G
Sulfamate 100-140 F	-	E	E	E
Watts Type 115-160 F	-	P	E	E
Rhodium Plating 120 F	-	E	E	G
Silver Plating 80-120F	-	E	E	E
Tin - Fluoborate Plating 100F	-	E	G	F
Tin - Lead Plating 100 F	-	E	G	F
Zinc Plating				
Acid Chloride 140 F	-	E	E	E
Acid Fluoborate Bath R.T.	-	E	G	F
Acid Sulfate Bath 150 F	-	P	E	G
Alkaline Cyanide Bath R.T.	-	E	E	E
Potash (Potassium Carbonate)	E	E	E	E
Potassium Bicarbonate	E	E	E	E
Potassium Bromide	E	E	E	E
Potassium Chlorate	E	E	E	E
Potassium Chloride	E	E	E	E
Potassium Chromate	G	E	E	E
Potassium Cyanide Solutions	E	E	E	G
Potassium Dichromate	G	E	E	E
Potassium Ferricyanide	G	E	P	E
Potassium Ferrocyanide	E	E	P	E
Potassium Hydroxide (sat.)	G	E	G	G
Potassium Hypochlorite	F	G	E	G
Potassium Iodide	G	E	E	E
Potassium Nitrate	E	E	E	E
Potassium Permanganate	E	E	F	E
Potassium Sulfate	E	E	E	E
Potassium Sulfide	G	E	E	E
Propane (liquified)	P	E	E	F
Propylene Dichloride	P	P	-	F
Propylene Glycol	E	F	E	F
Pyridine	P	P	P	P
Pyrogalllic Acid	-	E	-	E
Resorcinal	-	F	-	P
Rosins	-	F	E	E
Rum	E	E	E	E
Rust Inhibitors	-	-	E	F
Salad Dressings	-	-	E	-
Salicylic Acid	E	G	G	-
Salt Brine (NaCl saturated)	E	E	E	E
Sea Water	E	E	E	G
Shellac (Bleached)	E	-	E	G
Shellac (Orange)	P	-	E	P

Chemical Compatibility Guide

Chemical	NR Latex	Vinyl	Nitrile	Neoprene
Silicon Etch	P	-	P	-
Silver Nitrate	E	E	G	E
Soap Solutions	G	E	E	G
Soda Ash (see Sodium Carbonate)	E	E	E	E
Sodium Acetate	E	G	G	G
Sodium Aluminate	G	E	-	E
Sodium Benzoate	E	G	G	E
Sodium Bicarbonate	E	E	E	E
Sodium Bisulfate	E	E	G	E
Sodium Bisulfide	E	E	E	E
Sodium Borate (Borax)		E	E	E
Sodium Bromide	E	G	-	E
Sodium Carbonate	E	E	E	E
Sodium Chlorate	E	E	G	E
Sodium Chloride	E	E	E	E
Sodium Chromate	G	-	E	E
Sodium Cyanide	E	E	E	E
Sodium Ferrocyanide	G	E	E	E
Sodium Fluoride	-	E	E	E
Sodium Hydrosulfite	F	F	F	G
Sodium Hydroxide 20%	E	E	E	G
Sodium Hydroxide 50%	E	E	E	G
Sodium Hydroxide 80%	E	E	P	G
Sodium Hypochlorite <20%	F	E	G	F
Sodium Hypochlorite 100%	F	G	P	F
Sodium Hyposulfate	F	-	-	F
Sodium Metaphosphate	E	E	E	G
Sodium Metasilicate	E	E	E	E
Sodium Nitrate	G	E	E	G
Sodium Perborate	G	E	G	G
Sodium Peroxide	G	G	G	G
Sodium Polyphosphate	F	E	E	G
Sodium Silicate	E	E	E	E
Sodium Sulfate	G	E	E	E
Sodium Sulfide	G	E	E	E
Sodium Sulfite	G	E	E	E
Sodium Tetraborate	E	E	E	G
Sodium Thiosulfate (hypo)	G	E	G	E
Sorghum	E	-	E	E
Soy Sauce	-	-	E	E
Stannic Chloride	E	E	E	F
Stannic Fluoborate	-	-	E	E
Stannous Chloride	E	E	E	E
Starch	E	E	E	E
Stearic Acid	-	G	G	G
Stoddard Solvent	P	F	E	F
Styrene	P	P	P	P
Sugar (liquids)	E	-	E	E
Sulfate (liquors)	G	G	E	G
Sulfur Chloride	P	F	P	P
Sulfur Dioxide	-	E	P	G
Sulfur Dioxide (dry)	F	E	P	P
Sulfur Hexafluoride	P	G	G	E

Chemical Compatibility Guide

Chemical	NR Latex	Vinyl	Nitrile	Neoprene
Sulfur Trioxide	F	E	P	P
Sulfur Trioxide (dry)	-	E	P	P
Sulfuric Acid (<10%)	E	E	E	G
Sulfuric Acid (10-75%)	F	E	G	G
Sulfuric Acid (75-100%)	P	P	F	P
Sulfuric Acid (cold conc.)	P	P	P	P
Sulfuric Acid (hot conc.)	P	P	P	P
Sulfurous Acid	G	E	G	F
Tallow	-	-	E	G
Tannic Acid	E	E	E	E
Tanning Liquors	F	E	G	E
Tartaric Acid	E	E	E	E
Tetrachloroethane	P	F	P	P
Tetrachloroethylene	P	P	P	P
Tetrahydrofuran	P	P	P	P
Tin Salts	E	E	E	-
Toluene (a)	P	P	P	P
Toluene- 2, 4- Diisocyanate (TDI)	P	-	P	-
Tomato Juice	E	E	E	E
Trichloroacetic Acid	F	G	-	P
Trichloroethane	P	F	P	P
Trichloroethylene (a)	P	P	P	P
Trichloropropane	P	-	P	E
Tricresyl Phosphate	G	P	P	F
Triethanolamine	F	E	E	E
Trinitrotoluene	P	P	-	E
Trisodium Phosphate	E	E	E	E
Turpentine	P	P	-	P
Urea	-	P	G	G
Uric Acid	-	E	-	E
Urine	P	E	E	P
Varnish	P	P	G	P
Vegetable Juice	-	-	E	-
Vinegar	G	G	G	G
Vinyl Acetate	P	P	P	P
Vinyl Chloride	F	P	P	P
Water, deionized	E	E	E	E
Water, Acid, Mine	G	G	E	F
Water, Distilled	E	E	E	E
Water, Fresh	E	G	E	E
Water, Salt	E	G	E	E
Weed Killers	-	-	E	F
Whey	-	-	E	-
Whiskey & Wines	E	E	E	F
White Liquor (Pulp Mill)	-	E	E	E
White Water (Paper Mill)	-	E	-	E
Xylene	P	P	P	P
Zinc Chloride	E	G	E	E
Zinc Hydrosulfide	-	-	E	E
Zinc Sulfate	G	E	E	E