

Chemical	Natural Rubber	Buna N	EPDM	Carbon Steel	316 Stainless Steel	PVC	Poly-propylene	Aluminum	Cast Iron
Legend: A=Good, B=Fair, C=Poor, S=Unknown									
Acetal	C	C	C	C	C	S	C	C	S
Acetic acid 10%	A	C	A	C	A	A	A	S	S
Acetic acid 20%	B	C	A	C	A	A	A	A	S
Acetic acid 30%	B	C	A	C	A	A	C	A	C
Acetic acid 50%	B	C	A	C	A	A	C	A	C
Acetic acid anhydride	C	C	B	C	A	C	C	S	S
Acetic acid ice-cold	B	C	B	C	A	S	B	A	C
Acetophenone	C	C	C	C	C	S	C	C	S
Acetone	A	C	A	A	A	C	A	A	A
Acetonitrile	C	C	C	C	A	S	A	A	A
Acetylene	C	B	C	A	A	A	S	A	A
Acrylaryl sulfonate slurry	A	C	A	S	S	S	S	S	S
Acrylic acid 50°C	C	C	C	S	S	S	S	S	S
Acrylic monomer	C	C	C	S	S	S	S	S	S
Acrylonitrile	C	C	C	A	A	S	A	A	A
Air	A	A	A	A	A	A	A	A	A
Alcohol	A	A	A	A	S	S	A	S	S
Alkyl benzene sulfonate	C	A	A	S	S	S	S	S	S
Allyl alcohol	A	B	A	S	A	C	A	A	A
Allyl chloride	C	C	C	S	A	S	A	C	B
Alum	A	A	A	C	C	A	A	S	S
Aluminum chloride	A	A	A	C	C	A	A	C	B
Aluminum fluoride	A	A	A	C	C	A	A	S	B
Aluminum hydroxide	A	A	A	C	C	A	A	S	S
Aluminum silicate	A	A	A	S	S	S	S	S	S
Aluminum sulfate	A	A	A	S	S	A	A	S	C
Ammonia anhydride	A	B	A	A	A	A	A	A	A
Ammonia liquor	A	A	A	S	A	S	S	A	A
Ammonia gas	A	A	A	S	A	A	A	S	S
Ammonium bicarbonate	A	A	A	S	S	S	S	A	A
Ammonium bisulfate 50%	A	C	A	S	S	S	S	S	S
Ammonium bromide	B	C	A	S	S	S	S	S	S
Ammonium carbonate	A	A	A	C	C	A	A	A	A
Ammonium chloride	A	A	A	C	C	A	A	C	C
Ammonium formate	A	A	A	S	S	S	S	S	S
Ammonium hydroxide	A	A	A	S	S	S	A	S	S
Ammonium metaphosphate	A	A	A	S	A	S	A	S	A
Ammonium nitrate	A	A	A	A	A	B	A	A	A
Ammonium nitrite	A	A	A	S	S	S	A	S	S
Ammonium persulfate	B	B	A	C	C	A	A	B	C
Ammonium phosphate	A	A	A	C	C	A	A	C	C
Ammonium propionate	A	C	A	S	S	S	S	S	S
Ammonium sulfate	A	A	A	C	C	A	A	C	A
Ammonium thiocyanate	A	A	A	S	S	S	S	B	B
Amyl acetate	B	B	B	S	A	C	A	A	A
Amyl alcohol	A	B	A	A	A	S	A	A	A
Amyl amine	C	C	C	S	S	S	S	S	S
Amyl borate	B	C	B	S	S	S	S	S	S
Amyl bromide	B	C	B	S	S	S	S	S	S
Amyl chloride	C	C	C	S	A	C	C	C	A
Amyl chloronaphthalene	C	C	C	S	S	S	S	S	S
Amyl ether	C	C	C	S	S	S	S	S	S
Amyl iodide	C	C	C	S	S	S	S	S	S
Amyl naphthalene	C	C	C	S	S	S	S	S	S
Amyl phenol	C	C	C	S	A	S	S	A	A
Amylene	C	C	C	S	S	C	S	S	S
Aniline paint	B	C	C	S	A	C	A	S	S
Aniline oil	C	C	C	S	A	C	B	A	A
Animal fat	C	B	C	S	A	S	S	A	C

Chemical	Natural Rubber	Buna N	EPDM	Carbon Steel	316 Stainless Steel	PVC	Polypropylene	Aluminum	Cast Iron
Animal glue	A	A	A	S	S	S	S	S	S
Anti-freeze	A	A	A	A	A	S	S	A	A
Antimony chloride 50%	B	C	A	C	C	A	A	S	S
Aqua regia	C	C	B	C	C	B	B	C	C
Arsenic acid	C	C	B	C	C	A	A	A	C
Arsenic trioxide	A	A	A	S	S	S	S	S	S
Ascorbic acid	A	A	A	S	A	S	S	A	A
Asphalt	C	B	C	A	A	S	A	A	A
Astor oil 1-2-3	C	C	C	A	A	S	S	A	S
Aviation gasoline	C	B	C	A	A	S	S	A	A
Barium carbonate	A	A	A	A	A	A	A	C	A
Barium chloride	A	A	A	C	C	A	A	C	B
Barium ferrite	A	A	A	S	S	S	S	S	S
Barium hydroxide	A	A	A	A	S	A	A	C	A
Barium sulfate	A	A	A	C	C	A	A	A	A
Barium sulfide	A	A	A	C	C	A	A	C	S
Beer	A	A	A	S	A	A	A	A	C
Beetroot syrup	A	A	A	S	A	S	A	A	A
Benzaldehyde	C	C	B	C	C	C	A	A	A
Benzenesulfonic acid	C	C	C	S	A	S	C	B	A
Benzenel	C	C	C	C	C	C	B	A	A
Benzoyl chloride	C	C	C	C	C	S	B	C	A
Benzyl alcohol	C	C	C	A	A	S	A	A	A
Benzyl benzoate	C	C	C	A	A	S	S	A	A
Bird lime glue	A	A	A	A	A	S	S	A	S
Bismuth carbonate	A	A	A	A	A	A	A	S	S
Black sulfate liquor	A	A	A	S	A	S	S	B	A
Blast furnace gas	C	A	C	S	S	S	S	S	S
Boric acid	A	A	A	S	S	S	A	A	C
Borax	A	A	A	A	A	A	A	A	A
Bromine	C	C	C	C	C	C	C	A	B
Bromochloromethane	C	C	C	S	A	C	S	S	S
Bromophenol	C	C	C	S	S	S	S	S	S
Butadiene	C	B	C	A	A	S	C	A	A
Butane	C	A	C	A	A	S	C	A	A
Butane fluid	C	B	C	S	S	S	S	S	S
Butter	C	A	C	S	A	S	S	A	C
Butter acid	B	B	C	S	S	S	S	S	S
Butyl acetate	C	C	B	A	A	C	B	A	A
Butyl alcohol	B	B	C	A	A	A	A	A	A
Butylaldehyde	C	C	C	S	S	S	S	S	S
Butyl cellosolve	C	C	C	A	A	S	S	S	S
Butyl cellosolve adipate	C	C	C	S	S	S	S	S	S
Butyl ether	C	C	C	A	A	S	C	A	A
Butyl glycol	A	A	A	S	S	A	S	S	S
Butyl iodide	C	C	C	S	S	S	S	S	S
Butyl stearate	C	B	C	S	A	S	S	A	A
Butyronitrile	C	C	C	S	S	S	S	S	S
Calcium acetate	A	A	A	S	A	S	A	S	S
Calcium bisulfate	A	A	A	S	A	S	A	S	C
Calcium bisulfite	A	A	A	S	S	S	A	C	C
Calcium carbonate	A	A	A	C	C	A	A	B	A
Calcium chlorate	A	B	A	C	C	A	A	S	A
Calcium chloride	A	A	A	S	S	A	A	A	A
Calcium fluoride	A	A	A	S	S	S	S	S	S
Calcium hydroxide	A	A	A	C	C	A	A	S	S
Calcium hypochloride	C	C	A	S	S	S	S	S	S
Calcium hypochloride 30%	B	B	A	S	S	S	A	C	C
Calcium nitrate	A	A	A	C	C	A	A	S	S
Calcium sulfate	A	A	A	C	C	A	A	B	S

Chemical	Natural Rubber	Buna N	EPDM	Carbon Steel	316 Stainless Steel	PVC	Polypropylene	Aluminum	Cast Iron
Calcium sulfide	A	A	A	A	A	S	A	S	A
Calcium tetrafluoride	C	C	B	S	A	A	A	S	S
Calic liquor	A	A	A	S	S	S	S	S	S
Cane sugar liquor	A	A	A	A	A	S	A	A	A
Carbide lime	A	A	A	S	S	S	S	S	S
Carbitol	C	C	C	S	A	S	S	A	A
Carbolic acid, phenol	C	C	C	S	A	S	B	A	A
Carbon dioxide dry	A	A	A	A	A	A	A	A	C
Carbon dioxide wet	A	A	A	A	A	A	A	A	C
Carbon disulfide	C	A	C	A	A	C	C	A	A
Carbon monoxide 65°C	A	B	A	A	A	S	A	A	A
Carbonic acid	A	A	A	S	C	C	A	A	C
Carboxyl methylcellulose 12%	A	A	A	S	S	S	S	S	S
Castor oil	C	B	C	S	A	A	A	A	A
Caustic soda max 60%	A	B	A	S	B	A	A	S	S
Cellosolve	C	C	C	S	A	S	A	A	S
Cellosolve acetate	C	C	C	A	A	S	S	S	S
Cellulose acetate	S	B	C	S	A	S	S	A	A
China wood oil tung oil	C	C	C	A	A	S	S	A	S
Chloric acid	C	C	A	C	C	A	S	C	S
Chloric acid sulfurous	C	C	B	S	S	C	S	S	S
Chlorinated solvents	C	C	C	S	S	S	S	S	S
Chloroacetonitrile	C	C	C	S	S	S	S	S	S
Chloroacetone	C	B	B	S	S	S	S	S	S
Chlorobenzene	C	C	C	A	A	C	S	A	S
Chlorophenol	C	C	C	A	A	C	S	A	S
Chloronaphthalene	C	C	C	A	A	C	S	S	S
Chlorosulfonic acid	C	C	S	S	S	S	S	S	S
Chlorine water 3%	C	C	A	S	A	S	A	B	S
Chlorine (dry)	C	C	B	C	C	A	C	C	C
Chlorine (solvent)	C	C	S	S	S	B	S	S	S
Chlorine (wet)	C	C	A	S	A	S	C	A	B
Chloronitroethane	C	C	C	S	S	S	S	S	S
Chloroform	C	C	C	A	A	C	B	C	A
Chromic acid 10%	C	C	S	C	C	A	C	A	C
Chromic acid 25%	C	C	S	C	C	A	C	C	C
Chromic acid 50%	C	C	S	C	C	B	C	C	C
Citric acid	A	B	A	S	S	A	A	A	C
Citrus pulp	A	B	A	S	S	S	S	S	S
Coconut oil	C	B	C	A	A	A	A	A	A
Cod liver oil	C	B	C	S	A	S	S	A	C
Coke oven gas	C	B	C	A	S	S	S	S	S
Compressor oil	C	A	C	S	S	S	S	S	S
Copper oxichloride	B	B	A	S	S	S	S	S	S
Copper arsenate	B	B	A	A	A	S	S	S	S
Copper chloride	A	A	A	C	C	A	A	C	C
Copper cyanide	B	A	A	S	S	A	A	C	A
Copper nitrate	A	B	A	S	S	A	A	C	S
Copper sulfate	A	B	A	S	S	A	A	C	C
Cottonseed oil	C	B	C	S	A	A	A	A	B
Creosote oil	C	C	C	C	C	C	B	S	S
Creosote wood	C	C	C	A	A	S	C	S	S
Creosote - coal tar	C	C	C	S	A	S	C	A	A
Cresol 90%, xylol 5%, DDT 5%	C	C	C	A	A	C	C	A	B
Cresol 95%, xylol 5%	C	C	C	A	A	C	C	A	B
Cresylic acid	C	C	C	S	A	S	C	A	B
Crude oil	C	B	C	A	A	A	A	A	S
Cryolite 10%	B	B	B	S	A	S	S	S	S
Cyanide	A	A	A	S	S	S	S	S	S
Cyclohexane	C	B	C	A	A	S	C	A	A

Chemical	Natural Rubber	Buna N	EPDM	Carbon Steel	316 Stainless Steel	PVC	Polypropylene	Aluminum	Cast Iron
Cyclohexanol	B	C	C	C	C	C	A	B	A
Cyclohexanone	B	C	C	S	A	C	B	A	A
Cyclopentane	C	C	C	S	A	S	S	A	A
Cymene	C	C	C	S	S	S	S	S	S
Decalin	C	C	C	S	S	S	C	S	S
Decane	C	C	C	S	S	S	A	S	S
Decahydronaphthalene	C	C	C	S	S	S	S	S	S
Diesel oil	C	C	C	A	A	S	B	A	A
Dioxane	C	C	C	A	A	S	S	A	S
Divinyl benzene	C	C	C	S	S	S	S	S	S
Diacetone alcohol	C	C	C	A	A	S	S	A	S
Diamyl phthalate	C	C	C	S	S	S	S	S	S
Diamyl naphthalene	C	C	C	S	S	S	S	S	S
Dibenzyl ether	C	C	C	A	A	S	S	A	S
Dibutyl acetate	S	C	C	S	S	S	S	S	S
Dibutyl amine	C	C	C	S	S	S	S	S	S
Dibutyl ether	C	C	C	A	A	S	S	A	S
Dibutyl phthalate	C	C	C	A	A	S	S	A	S
Dibutyl sebacate	C	C	C	S	S	S	S	S	S
Dichlorobenzene	C	C	C	S	A	S	S	S	S
Dichlorobutene	C	C	C	S	S	S	S	S	S
Dichloro-difluoromethane	C	C	C	S	A	S	A	S	S
Dichloropropylene	C	C	C	S	S	C	S	S	S
Dichloro-tetrafluoroethane	C	C	C	S	A	S	A	A	S
Diphenylamine	C	C	C	S	S	S	S	S	S
Dowtherm	C	C	C	A	A	S	S	A	S
Diethylamine	S	C	C	S	A	S	S	S	S
Diethyl carbonate	C	C	C	S	S	S	S	S	S
Diethylether	C	C	C	A	A	S	S	A	S
Diethyl fatty acid	S	C	C	S	S	S	S	S	S
Diethyl phthalate	C	C	C	S	A	S	S	S	S
Diethyl glycol	A	A	A	A	A	A	A	A	S
Diethyl ketone	B	C	B	S	S	S	S	S	S
Diethyl oxalate	C	C	C	S	S	S	S	S	S
Diethyl sebacate	C	C	C	S	A	S	S	S	S
Diisobutane	C	S	C	S	A	S	S	S	S
Diisobutyl ketone	B	C	C	S	A	S	S	S	S
Diisopropyl ether	C	C	C	S	S	S	S	S	S
Diisopropyl ketone	S	C	C	S	A	S	S	S	S
Dimethylamine	C	C	C	S	S	S	S	S	S
Dimethylaniline	C	C	C	S	S	S	S	S	S
Dimethyl ether	C	C	C	A	A	S	S	A	S
Dimethylformamide	A	B	A	A	A	S	S	S	S
Dimethyl phosphite	B	C	B	S	S	S	S	S	S
Dimethyl phthalate	C	C	C	S	S	S	S	S	S
Dimethyl sulfide	C	C	C	S	S	S	S	S	S
Diethyl adipate	C	C	C	S	S	S	S	S	S
Diethyl phthalate	C	C	C	S	S	C	S	S	S
Diethyl sebacate	C	C	C	S	S	S	S	S	S
Dodecylbenzene	C	C	C	S	A	S	C	A	A
Dodecyltoluene	C	C	C	S	S	S	S	S	S
Epichlorohydrine	C	C	C	A	A	S	A	C	A
Ethanolamine	C	C	C	A	A	S	C	A	A
Ether	C	C	C	C	C	A	S	A	B
Ethylene oxide	C	C	C	S	A	C	S	A	A
Ethyl acetate	B	C	B	C	C	C	A	A	A
Ethyl alcohol	A	A	A	A	A	A	B	A	A
Ethylamine	S	C	C	S	A	S	C	A	A
Ethyl amyl ketone	S	C	C	S	S	S	S	S	S
Ethylbenzene	C	C	C	A	A	S	C	A	A

Chemical	Natural Rubber	Buna N	EPDM	Carbon Steel	316 Stainless Steel	PVC	Polypropylene	Aluminum	Cast Iron
Ethyl benzoate	C	C	C	S	A	S	A	A	A
Ethyl bromide	C	C	C	S	A	S	S	C	A
Ethyl butyrate	C	C	C	S	A	S	A	A	A
Ethylcellulose	A	B	A	A	A	S	B	A	A
Ethyl chloride	C	C	C	A	A	C	A	C	A
Ethyl chloroacetate	C	C	C	S	S	S	S	S	S
Ethyl chloroformate	C	C	C	S	S	S	S	S	S
Ethyl cyanoacetate	S	C	S	S	S	S	S	S	S
Ethyl ether	C	C	C	S	A	C	B	S	S
Ethyl formate	C	C	B	S	A	S	S	A	A
Ethylhexanol	S	C	C	S	S	S	S	S	S
Ethyl hexyldiphenylphosphate	C	C	C	S	S	S	S	S	S
Ethyl iodide	C	C	C	S	S	S	S	S	S
Ethyl isobutylether	C	C	C	S	S	S	S	S	S
Ethyl isobutyrate	C	C	C	S	S	S	S	S	S
Ethyl mercaptan	C	C	C	S	S	S	S	S	S
Ethyl methyl ketone	B	C	B	S	S	S	S	S	S
Ethyl oxalate	S	C	C	S	S	S	S	S	S
Ethylpentachlorobenzene	C	C	C	S	S	S	S	S	S
Ethyl propionate	C	C	C	S	S	S	S	S	S
Ethyl propyl ether	C	C	C	S	S	S	S	S	S
Ethyl silicate	A	A	A	A	A	S	S	A	A
Ethyl dichloride	C	C	C	S	S	S	S	S	S
Feces	A	A	A	S	S	S	S	S	S
Ferric oxide	A	A	A	S	S	S	S	S	S
Ferric chloride 65°C	A	A	A	S	A	A	S	S	S
Ferric hydroxide	C	C	A	S	S	S	S	S	S
Flexol 300	S	S	S	S	S	S	S	S	S
Fluoric acid	C	C	B	C	C	A	A	C	C
Fluorobenzene	C	C	C	S	S	S	S	S	S
Formaldehyde 37%	A	B	A	S	A	A	A	A	A
Formaldehyde 40% 70°C	C	C	A	S	A	S	A	A	A
Formamide (formylamine)	A	B	A	S	A	S	S	A	A
Formic acid	C	C	B	A	B	A	A	C	C
Freon 11	C	C	C	A	A	A	A	A	A
Freon 112	C	C	C	A	A	S	A	A	S
Freon 114	C	C	C	S	A	S	A	A	S
Freon 115	C	C	C	A	A	S	A	A	S
Freon 12 liquid	C	C	C	A	A	A	A	A	A
Freon 13	C	C	C	A	A	S	A	A	A
Freon 14	C	C	C	A	A	S	A	S	S
Freon 21	C	C	C	A	A	B	B	A	S
Freon 22	C	C	C	A	A	S	S	A	A
Freon 31	C	C	C	A	A	S	A	A	S
Freon C 316	C	C	C	A	A	S	A	A	S
Freon C 318	C	C	C	A	A	S	A	A	S
Fuel oil	C	B	C	A	A	A	A	A	A
Fuming sulfuric acid (oleum)	C	C	B	S	S	C	A	S	S
Furan	C	C	C	A	A	S	A	A	S
Furfural	C	C	C	S	A	A	A	A	A
Gallnut oil	B	C	B	A	A	A	S	A	S
Gasoline 100 octane	C	C	C	S	A	S	B	A	A
Gasoline 65 octane	C	C	C	S	A	S	B	A	A
Gelatin glue	A	A	A	S	A	A	A	A	A
Glucose	A	A	A	A	A	S	A	A	A
Glue	B	A	A	A	A	S	A	A	A
Glycerine	A	A	A	A	A	A	A	A	A
Glycerol	A	A	B	A	A	A	A	A	A
Glycol	A	A	A	S	S	S	A	S	S
Grainseed oil	C	B	C	A	A	S	A	A	S

Chemical	Natural Rubber	Buna N	EPDM	Carbon Steel	316 Stainless Steel	PVC	Polypropylene	Aluminum	Cast Iron
Green sulfate liquor	A	B	A	S	A	A	A	A	B
Heptane	C	C	C	A	A	A	A	A	A
Hexaldehyde	A	B	A	A	A	S	S	A	S
Hexane	C	C	C	A	A	A	C	A	A
Hexene	C	B	C	A	S	S	S	S	S
Hexyl alcohol	A	A	B	A	A	A	A	A	A
Hog fat	C	B	C	S	A	A	A	S	S
Hydraulic oil ester base	B	C	C	A	A	S	A	A	S
Hydraulic oil mineral base	C	B	C	A	A	S	A	A	A
Hydraulic oil pydraul base	C	C	C	A	A	S	A	A	S
Hydraulic oil skydrol base	C	C	C	A	A	S	A	A	S
Hydrobromic acid	B	B	A	S	S	S	A	A	A
Hydrobromic acid 40%	C	C	B	C	C	A	A	C	B
Hydrochloric acid 15%	A	A	A	C	C	A	A	B	C
Hydrochloric acid 30%	A	B	A	C	C	S	A	C	C
Hydrochloric acid 65°C	C	C	A	S	S	S	A	S	S
Hydrochloric acid 33% 50°C	C	C	B	S	S	S	S	S	S
Hydrochloric acid conc. 38%	B	C	A	C	C	A	A	C	C
Hydrocyanic acid	A	B	A	S	A	A	A	S	C
Hydrofluoric acid cold	B	C	C	C	C	S	C	S	C
Hydrofluoric acid hot	B	C	B	C	C	S	C	S	S
Hydrofluosilicic acid	A	B	A	C	C	B	A	S	C
Hydrofluosilicic acid 50%	S	C	S	S	S	A	S	A	S
Hydrogen gas 65°C	A	A	A	A	A	A	A	S	S
Hydrogen gas cold	A	A	A	A	A	A	A	S	S
Hydrogen peroxide 10%	C	C	A	S	A	A	A	A	B
Hydrogen peroxide 30%	C	C	C	S	A	C	A	A	C
Hydrogen peroxide 88%	C	C	C	A	A	A	A	A	C
Hydrogen sulfide	A	B	A	C	C	A	A	S	S
Hydrogen sulfide dry cold	A	S	A	S	A	S	A	S	S
Hydrogen sulfide dry warm	A	B	A	S	A	S	A	S	S
Hydrogen sulfide wet cold	A	C	A	S	A	S	A	S	S
Hydrogen sulfide wet warm	A	A	A	S	A	S	A	S	S
Hydrogen sulfide dry	A	B	A	S	S	S	S	S	S
Hydrogen sulfide moist	B	B	A	S	S	S	S	S	C
Ink oil	C	B	C	A	A	S	S	B	C
Iodine	C	C	B	C	C	S	A	A	C
Iron acetate solution	A	A	A	S	S	S	S	S	S
Iron chloride	A	A	A	C	C	A	A	S	S
Iron and zinc phosphate solution	A	A	A	S	S	S	S	S	S
Iron nitrate 65°C	A	A	A	S	A	S	A	S	S
Iron sulfate	A	A	A	S	A	A	A	S	S
Isoamyl acetate	C	C	C	S	A	S	S	A	A
Isoamyl alcohol	C	C	C	S	S	S	S	S	S
Isoamyl formate	C	C	C	S	S	S	S	S	S
Isobutene	C	C	C	A	A	S	A	S	S
Isobutyl acetate	C	C	C	A	A	S	S	A	A
Isobutyl alcohol	B	C	C	A	S	S	A	A	S
Isobutylaldehyde	C	C	C	S	S	S	S	S	S
Isobutyl formate	C	C	C	S	S	S	S	S	S
Isocyanate	C	C	C	S	S	S	S	S	S
Isopropyl acetate	B	C	B	S	A	S	A	A	A
Isopropyl alcohol	A	B	A	A	A	A	A	S	A
Isopropyl chloride	C	C	C	S	A	S	C	C	A
Isopropyl ether	C	C	C	A	A	S	C	A	S
Isodecane	C	C	C	S	S	S	S	S	S
Isododecane	C	C	C	S	S	S	S	S	S
Isooctane	C	B	C	A	A	S	A	S	S
Jet fuel JP1 - JP5	C	B	C	S	A	A	A	A	A
Kerosene	C	B	C	A	A	A	A	A	S

Chemical	Natural Rubber	Buna N	EPDM	Carbon Steel	316 Stainless Steel	PVC	Polypropylene	Aluminum	Cast Iron
Kerosene, DDT2	C	B	C	S	A	A	S	A	S
Lacquers	C	S	C	S	A	S	S	C	A
Lacquer solvents	C	S	C	S	A	S	B	C	A
Lactic acid	B	S	B	S	S	A	A	A	C
Lactol	C	B	C	A	A	S	S	A	A
Lard	C	B	C	S	A	A	B	A	A
Lauryl ether sulfate	B	C	A	S	S	S	S	S	S
Lead acetate	A	A	A	S	A	A	A	C	S
Lead nitrate	A	A	A	C	C	A	A	C	A
Lead arsenate	A	B	A	A	A	S	A	S	S
Lead sulfamate	A	A	A	S	S	S	A	S	S
Lime sulfur	A	A	A	S	A	S	A	C	S
Limewater	A	A	A	A	A	A	S	A	S
Linseed oil	C	C	C	S	A	A	A	A	A
Liquid manure	A	A	A	A	A	S	A	A	S
Lithium hydroxide	A	A	A	S	A	S	A	S	S
Lubricating oil	C	B	C	A	A	S	S	A	A
Lye (caustic)	A	A	A	S	A	A	A	S	S
Magnesium carbonate	A	A	A	A	A	A	A	A	A
Magnesium chloride	A	A	A	C	C	A	A	S	S
Magnesium hydroxide	A	A	A	A	A	A	A	S	A
Magnesium nitrate	A	A	A	S	A	A	A	S	A
Magnesium sulfate	A	A	A	S	A	A	A	S	A
Manganese sulfate	A	A	A	S	S	A	S	S	S
Margarine oil	C	A	C	S	S	S	S	S	S
Mercury	A	A	A	A	A	A	A	C	A
Mercury chloride	A	B	A	C	C	A	A	C	C
Mercury cyanide	A	B	A	S	A	S	A	C	B
Methanol (methyl alcohol)	A	A	A	A	A	A	A	A	A
Methylene chloride	C	C	C	S	A	C	C	C	A
Methyl acetate	B	C	B	A	A	C	B	A	A
Methyl acetone	B	B	C	S	A	C	S	A	S
Methyl acetoacetate	C	C	C	S	A	S	S	S	A
Methylamine	C	C	C	A	A	S	C	A	A
Methylamyl acetate	C	C	C	S	A	S	S	A	A
Methylamyl carbinol	C	C	C	A	A	S	S	A	S
Methylaniline	C	C	C	S	S	S	S	S	S
Methyl bromide	C	C	C	A	A	S	C	S	S
Methylbutylketone	B	B	C	A	A	A	C	S	S
Methyl butyrate	C	C	C	S	S	S	S	S	S
Methylcellosolve	C	C	C	S	A	A	A	A	S
Methyl chloride	C	C	C	S	A	C	B	C	A
Methylethylketone	C	C	C	A	A	C	C	A	A
Methyl formate	C	C	C	A	S	S	S	S	S
Methyl iodide	C	C	C	S	A	S	S	C	A
Methylisobutyl carbinol	C	C	C	S	S	S	S	S	S
Methyl isobutyrate	C	C	C	S	S	S	S	S	S
Methylisopropylketone	C	C	C	A	A	S	B	S	S
Methyl methacrylate	C	C	C	S	A	S	S	A	S
Methyl oleate	C	C	C	S	S	S	S	S	S
Methyl propionate	C	C	C	S	S	S	S	S	S
Methyl salicylate	C	C	C	A	S	S	S	A	A
Methylisobutylketone	B	B	C	A	A	A	A	S	S
Milk	B	A	B	S	A	S	A	A	C
Mineral oil	C	A	C	A	A	A	A	A	A
Molasses	A	A	A	A	A	A	A	A	A
Monosodium glutamate	C	A	C	S	S	S	S	S	S
Monochlorobenzene	C	C	C	A	A	C	S	S	S
Monochloroaniline	C	C	C	S	S	S	S	S	S
Monochlorodifluoromethane	C	C	C	S	A	S	A	S	S

Chemical	Natural Rubber	Buna N	EPDM	Carbon Steel	316 Stainless Steel	PVC	Polypropylene	Aluminum	Cast Iron
Monochlorotrifluoromethane	C	C	C	S	S	S	S	S	S
Monoethanolamine	C	C	C	A	A	S	A	A	A
Motor oil	C	B	C	A	A	S	S	A	S
Naphtha	C	S	C	A	A	A	A	A	A
Naphthalene	C	C	C	A	A	C	C	A	A
Naphthene	C	C	C	A	A	S	S	A	S
Natural gas	B	A	B	A	A	S	A	A	S
Natural gas dry	B	A	B	A	A	A	A	S	S
Natural gas wet	B	A	B	A	A	A	A	S	S
Nickel chloride	A	A	A	C	C	A	A	C	C
Nickel hydroxide	B	S	A	S	S	S	S	S	S
Nickel nitrate	A	A	A	C	C	A	A	C	S
Nickel sulfate	A	A	A	S	A	A	A	C	C
Nicotine bentonite	C	B	C	S	S	S	S	S	S
Nicotine sulfate	A	A	A	S	S	S	S	S	S
Nitric acid 10%	C	C	A	S	A	A	A	A	C
Nitric acid 20%	C	C	A	S	A	A	A	C	C
Nitric acid 25%	C	C	B	S	S	A	A	C	C
Nitric acid 40%	C	C	B	S	A	A	A	C	C
Nitric acid 60%	C	C	C	S	A	B	C	C	C
Nitric acid 70%	C	C	C	S	A	B	C	C	C
Nitric acid fuming	C	C	C	C	C	S	C	A	C
Nitrobenzene	C	C	C	A	A	S	A	A	A
Nitroglycerine	C	C	C	S	S	S	S	S	S
Nitrosylchloride	C	C	C	S	A	S	S	S	S
Nitrous acid	C	C	A	S	A	S	A	S	S
Nitroethane	C	C	C	S	A	S	B	A	A
Nitromethane	C	C	C	A	A	S	B	A	A
Nitrooctane	C	C	C	S	S	S	S	S	S
Nitropropene	C	C	C	S	A	S	S	S	S
Octane	C	B	C	A	S	S	C	S	S
Octylalcohol	A	A	A	A	A	S	S	A	S
Octylaldehyde	C	C	C	S	S	S	S	S	S
Oleic acid	C	C	C	S	S	B	S	S	S
Oleic acid	C	B	C	S	A	S	S	A	S
Olive oil	C	B	C	S	A	A	A	A	A
Oxalic acid	A	B	A	S	C	A	A	A	C
Oxygen	B	B	A	A	A	A	A	A	S
Ozone	C	C	A	A	A	B	C	S	S
Palmitic acid	C	B	C	A	A	S	A	A	A
Palm oil	C	B	C	A	A	S	S	S	A
Paraformaldehyde	C	B	C	S	A	S	S	S	A
Parrafin liquid	C	C	C	A	A	A	A	A	S
Pentane	C	B	C	S	S	S	S	S	S
Pentachlorophenol	C	C	C	A	S	S	S	S	S
Perchloric acid	C	C	C	S	A	B	S	S	S
Petroleum 90°C	C	C	C	A	A	S	C	A	A
Phenol	C	C	C	S	S	A	A	A	A
Phenylethyl ether	C	C	C	S	S	S	S	S	S
Phosphoric acid 8% 80°C	C	C	A	S	S	S	S	S	S
Phosphoric acid 50%	A	B	A	S	A	A	S	C	C
Phosphoric acid 85%	A	B	A	S	S	A	A	C	C
Phosphortributyrate	S	C	C	S	S	S	S	S	S
Pickling Sol. 20% HNO3, 4% HF	C	C	B	S	S	S	S	S	S
Picric acid	B	C	A	S	A	A	A	A	B
Pine oil	C	B	C	S	A	S	S	A	A
Pinetree oil	C	B	C	S	S	S	S	S	S
Polyacrylic acid	C	C	C	S	S	S	S	S	S
Polyvinylalcohol solvent (PVA)	A	C	A	S	S	S	S	S	S
Polyvinylalcohol conc. (PVA)	C	C	C	S	S	S	S	S	S

Chemical	Natural Rubber	Buna N	EPDM	Carbon Steel	316 Stainless Steel	PVC	Polypropylene	Aluminum	Cast Iron
Potassium bichromate	B	B	A	S	S	S	S	S	S
Potassium borate	A	A	A	S	A	S	A	S	S
Potassium bromide	A	A	A	C	C	A	A	A	S
Potassium carbonate	A	A	A	S	A	A	A	C	A
Potassium chlorate	B	B	A	S	A	A	A	C	A
Potassium chloride	A	A	A	S	A	A	A	C	A
Potassium cyanide	A	A	A	A	A	A	A	B	A
Potassium dichromate	B	B	A	A	A	A	A	A	A
Potassium hydroxide	A	B	A	S	A	S	S	C	A
Potassium nitrate	A	A	A	S	A	A	A	S	B
Potassium permanganate	A	A	A	S	A	A	A	S	A
Potassium sulfate	A	A	A	S	S	A	A	A	A
Potassium sulfite	A	A	A	S	A	A	S	A	C
Producer gas	B	A	B	A	A	A	A	A	S
Propane gas	C	A	C	A	A	S	C	A	A
Propane liquid	C	A	C	A	A	A	A	A	S
Propene bromide	C	C	C	S	S	B	S	S	S
Propene carbonate	A	C	A	S	S	S	S	S	S
Propene	C	C	C	S	S	S	S	S	S
Propene dichloride	C	C	C	A	A	S	S	A	S
Propene diamine	C	C	C	S	S	S	S	S	S
Propene trichloride	C	C	C	S	S	S	S	S	S
Propionic acid	C	C	C	S	A	S	A	A	S
Propionitrile	A	A	A	A	A	S	A	S	S
Propyl acetate	B	C	B	S	A	S	B	A	S
Propyl alcohol	A	C	A	S	A	S	A	A	A
Propylbenzene	A	A	A	S	S	S	S	S	S
Propyl dichloride	C	C	C	S	S	S	S	S	S
Propyl formate	C	C	C	S	S	S	S	S	S
Propyl propionate	C	C	C	S	S	S	S	S	S
Propylene chlorohydrin	C	C	C	S	S	S	S	S	S
Propylene glycol	A	A	A	A	A	A	A	A	S
Propylene oxide	C	C	S	S	S	S	S	S	S
Prussic acid 20%	A	B	A	S	S	S	S	S	S
Prussic acid 99% conc.	B	B	A	S	S	S	S	S	S
Pyranol 1467/76	C	C	C	S	S	S	S	S	S
Pyridine	C	C	C	S	A	A	S	A	A
Quicksilver nitrate	A	A	A	A	A	S	S	S	S
Rapeseed oil	C	B	C	S	A	S	S	S	A
Resin	C	B	C	S	A	B	A	A	S
Rotenone in water	A	A	A	S	A	S	S	S	S
Seawater	A	A	A	S	A	S	A	A	B
Sewage water (no hydrocarbon)	A	A	A	A	A	S	A	A	A
Shell DD	C	B	C	S	S	S	S	S	S
Silicon carbide slurry	A	A	A	S	S	S	S	S	S
Silicon fluoride	A	C	A	S	S	S	S	S	S
Silicon tetrachloride	S	S	S	S	S	S	S	S	S
Silicone oil	A	A	A	A	A	A	A	A	A
Silver cyanide 74 g/L	A	B	A	S	S	A	A	C	A
Silver nitrate	A	A	A	C	C	A	A	C	C
Soap oil	C	B	C	S	A	S	A	S	S
Soap solutions	A	B	A	S	A	S	A	B	C
Soda	A	A	A	A	A	S	A	S	S
Soda lye 50% 65°C	C	C	A	S	A	A	A	S	S
Sodium acetate	A	A	A	A	A	A	A	A	A
Sodium aluminate 3%	S	B	A	S	S	S	S	S	S
Sodium aluminum silicate	A	A	A	S	S	S	S	S	S
Sodium bicarbonate	A	A	A	S	S	S	A	A	B
Sodium bisulfate	A	A	A	S	S	S	A	S	B
Sodium bromide	A	C	A	C	C	A	A	B	B

Chemical	Natural Rubber	Buna N	EPDM	Carbon Steel	316 Stainless Steel	PVC	Polypropylene	Aluminum	Cast Iron
Sodium carbonate	A	A	A	A	S	A	A	C	A
Sodium chlorate	C	C	A	C	C	A	A	S	A
Sodium chloride	A	A	A	C	C	A	A	A	S
Sodium chloride 25% (NaClO ₂)	A	A	A	S	S	S	S	A	S
Sodium cyanide	A	A	A	A	A	A	A	C	A
Sodium dichromate	B	B	A	A	S	A	A	S	S
Sodium iodide	B	C	A	S	S	S	S	S	S
Sodium fluoraluminate	A	A	A	S	S	A	S	S	S
Sodium fluoride	A	A	A	C	C	A	A	S	S
Sodium hydrosulfide	A	A	A	S	S	S	S	S	S
Sodium hydroxide <5% 90°C	A	B	S	S	S	S	S	S	S
Sodium hydroxide 50%	A	B	A	S	A	A	A	C	B
Sodium hypochlorite 20%	A	C	A	C	C	A	B	C	C
Sodium hypochlorite	C	C	A	S	S	S	S	S	S
Sodium metaphosphate	A	A	A	S	A	S	C	C	S
Sodium metaborate 18% 65°C	A	A	A	S	S	S	S	S	S
Sodium nitrate	A	A	A	A	S	A	A	S	S
Sodium nitrite	A	A	A	S	S	A	A	A	A
Sodium perborate	B	C	A	C	C	S	A	C	S
Sodium peroxide	C	C	A	A	A	A	A	S	S
Sodium phosphate	A	A	A	S	A	S	A	C	S
Sodium phosphate dibasic	A	A	A	A	A	A	A	S	S
Sodium phosphate monobasic	A	A	A	A	A	S	A	S	S
Sodium phosphate tribasic	A	A	A	A	A	S	A	S	S
Sodium salts	A	A	A	A	A	S	A	S	S
Sodium silicate	A	A	A	S	A	A	A	A	A
Sodium silico aluminate	A	A	A	S	S	S	S	S	S
Sodium sulfate	A	A	A	S	A	A	A	S	A
Sodium sulfide	A	A	A	A	A	A	A	S	A
Sodium sulfite	A	A	A	S	A	A	A	S	C
Sodium thiosulfate	A	A	A	S	A	A	A	A	B
Soya oil	C	A	C	S	A	A	A	S	S
Spent sulfite liquor	S	S	A	S	S	S	S	S	S
Spirit (ethyl alcohol)	A	B	A	A	A	S	A	A	S
Stannic chloride	A	A	A	S	S	S	A	C	B
Stearic acid	C	B	C	S	A	A	A	B	B
Styrene monomer	C	C	C	A	A	S	C	A	A
Sulfamine acid 2%	A	B	A	S	S	S	S	S	S
Sulfur 90°C	C	C	C	S	S	S	A	A	A
Sulfur chloride	B	C	A	S	A	S	B	A	C
Sulfur dioxide gas	C	C	A	S	S	S	S	A	A
Sulfuric acid 10% cold	A	A	A	S	A	S	A	C	C
Sulfuric acid 30%	A	B	A	S	A	S	A	C	C
Sulfuric acid 65°C	S	S	S	S	S	S	S	S	S
Sulfuric acid 50%	B	B	A	C	C	A	A	C	C
Sulfuric acid 75% cold	C	C	A	C	C	A	A	C	C
Sulfuric acid 95% cold	C	C	B	A	A	B	C	C	C
Sulfuric acid 98% ambient	C	C	B	S	S	S	A	S	S
Sulfurous acid 10%	A	B	A	S	S	S	S	A	C
Sulfurous acid 75%	B	C	A	S	S	S	S	A	C
Sulfur smoke	A	B	A	S	S	C	S	S	S
Sulfur trioxide	C	C	B	S	S	S	S	S	S
Sulfur dioxide 5% in water	A	B	A	S	S	S	S	S	S
Sulfonic acid	C	C	C	S	S	S	S	S	S
Sunflower oil	C	A	C	S	S	S	S	S	S
Tallow	C	B	C	S	A	S	A	A	S
Tannic acid	A	A	A	S	A	A	A	A	A
Tar	C	C	C	A	A	S	A	A	S
Tartaric acid	A	A	A	S	A	A	A	S	A
Tartaric oil	A	B	A	S	S	A	S	S	S

Chemical	Natural Rubber	Buna N	EPDM	Carbon Steel	316 Stainless Steel	PVC	Poly-propylene	Aluminum	Cast Iron
Tetrabromoethane	C	C	C	S	S	S	C	C	S
Tetrabutyltitanate	C	C	C	S	S	S	S	S	S
Tetrachlorocarbon	C	C	C	S	S	C	S	S	S
Tetrachlorodifluoroethane	C	C	C	S	S	S	S	S	S
Tetrachloroethane	C	C	C	S	B	S	C	C	A
Tetrachloroethene	C	C	C	A	A	S	S	S	S
Tetrachloronaphthalene	C	C	C	S	S	S	S	S	S
Tetrafluoromethane	C	C	C	S	S	S	S	S	S
Tetrahydrofuran	C	C	C	S	A	C	B	S	S
Thorium slurry	A	B	A	S	S	S	S	S	S
Titanium dioxide 30%	A	B	A	S	S	S	S	S	S
Titanium sulfate 1%	A	B	A	S	S	S	S	S	S
Toluene	C	C	C	A	A	C	C	A	A
Tolychloride	C	C	C	A	A	S	S	A	S
Tributoxy phosphate	C	C	C	S	S	S	S	S	S
Tributyl phosphate	C	C	C	A	A	S	A	A	A
Trichlorobenzene	C	C	C	S	A	S	S	C	A
Trichloroethene	C	C	C	S	A	C	S	S	S
Trichlorofluoromethane	C	C	C	S	A	S	A	S	S
Trichloro-trifluoroethane	C	C	C	S	A	S	A	S	S
Tricresyl phosphate	C	C	C	A	S	S	S	S	S
Triethanolamine	C	C	C	S	A	C	C	A	A
Triphenyl phosphate	A	A	A	S	S	S	S	S	S
Trisodium phosphate	C	C	C	S	A	A	A	S	S
Tung oil (china wood oil)	C	C	C	A	A	S	A	A	S
Turpentine	C	C	C	A	A	S	B	A	A
Uranium	A	A	A	S	S	S	S	S	S
Urea	A	A	A	S	A	A	A	A	S
Urine	A	B	A	S	A	S	A	A	A
Vegetable oil	C	B	C	A	A	A	A	A	A
Vinegar	B	C	A	S	A	A	A	B	C
Vinegar anhydride 50%	C	C	B	S	A	C	A	A	S
Vinyl chloride	C	C	C	S	A	S	C	C	A
Water	A	A	A	A	A	A	C	A	A
Water condensation	A	A	A	A	A	A	A	A	S
Water, distilled	A	A	A	A	A	A	A	A	B
Water, drinking	A	A	A	A	A	A	A	A	A
Water, mineral with oxyd. salts	B	C	A	S	S	S	S	S	S
Water, mineral without oxyd. salts	A	A	A	S	S	S	S	S	S
Whiskey and wine	A	A	A	S	A	A	A	A	C
White oil 10%	C	A	C	S	A	S	S	S	S
White spirit	C	B	C	S	S	S	S	S	S
Wood oil	C	C	C	S	S	S	S	S	S
Xylene	C	C	C	A	A	C	C	A	A
Zeolite	B	B	A	S	A	S	S	S	S
Zinc ammonium chloride	A	C	C	S	S	S	S	S	S
Zinc borate	A	A	A	S	S	S	S	S	S
Zinc chloride	A	A	A	S	C	A	A	S	A
Zinc oxide 27°C	A	A	A	S	S	S	S	S	S
Zinc sulfate	A	A	A	S	S	A	A	S	C
Zinc hydroxide precipitate	A	B	A	S	S	S	S	S	S