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CHEMICAL RESISTANCE GUIDE

This guide is designed to help you select the proper elastomer for your specific application. It should only be used as a guide and not to set specific application requirements.

WARNING: The following data has been compiled from generally available sources and should not be relied upon without consulting first with a reliable chemist. If you have any questions about the suitability of a specific product for a specific application, please feel free to contact Alhambra Rubber for a recommendation.

The most commonly used chemicals, materials, oil, solvents, etc., are listed here. Ratings are for concentrated or saturated solutions at room temperature (70 Deg F.) unless otherwise specified. The rating code indicates the degree or range of serviceability for each style of elastomer listed under the group heading

RATING CODE:

- A - Excellent.** Suitable for continuous service.
- B - Good.** Generally Suitable for continuous and intermittent service
- C - Fair or Conditional.** NOT recommended for continuous service, but generally suitable for intermittent service.
- D - Unsatisfactory.** Not Recommended

These ratings are to be used ONLY as a guide.

	Natural rubber	SBR	Butyl	Nitrile Buna-N	Neoprene	Hypalon	EPDM	Epichlorohydrin	Viton	Silicone
Acetal	C	C	B	D	C	C	C	D	D	
Acetaldehyde	C	D	A	D	C	C	A	D	D	B
Acetamide	C	C	A	B	B	B	A	C	B	
Acetate Solvents	C	D	C	D	D	D	C	D	D	
Acetic Acid, 10%	D	D	B	D	C	B	B	B	C	
Acetic Acid, 30%	D	D	B	B	C	B	B	C	C	A
Acetic Acid, 50%	D	D	B	C	C	D	B	C	D	
Acetic Acid, Glacial	D	D	B	D	C	D	D	D	D	B
Acetic Anhydride	D	D	B	D	D	B	B	D	D	C
Acetic Ester (Ethyl Acetate)	D	D	B	D	D	D	B	D	D	
Acetic Ether (Ethyl Acetate)	D	D	B	D	D	C	B	D	D	
Acetic Oxide (Acetic Anhydride)	D	D	C	D	D	B	B	D	D	
Acetone	B	B	A	D	C	C	A	D	D	C
Acetophenone	C	D	A	D	D	D	A	D	D	D
Acetyl Acetone	D	D	B	D	D	D	A	D	D	
Acetyl Chloride	D	D	C	D	D	D	C	D	B	C
Acetylene	A	A	A	A	C	C	B	B	A	B
Acrylonitrile	B	D	D	D	D	D	D	D	D	D
Air	A	A	A	A	A	A	A	A	A	
Alcohols, Aliphatic	A	B	A	A	A	A	A	A	C	
Alcohols, Aromatic	C	D	D	C	C	D	D	B	A	
Alk-Tri (Trichloroethylene)	D	D	D	D	D	D	D	B	A	
Allyl Alcohol	A	B	A	A	A	A	A	A	B	
Allyl Bromide	D	D	D	D	D	D	D	D	B	
Allyl Chloride	D	D	D	D	D	D	D	B	B	
Alum (Ammonium Potassium Sulfate)	A	A	A	A	A	A	A	A	A	
Aluminum Acetate	A	C	B	B	B	B	B	B	C	D
Aluminum Chloride	A	A	A	A	A	A	A	A	A	B
Aluminum Fluoride	A	A	A	A	A	A	A	A	A	B
Aluminum Hydroxide	A	A	A	A	A	A	A	A	A	
Aluminum Phosphate	A	A	A	A	A	A	A	A	A	A
Aluminum Nitrate	A	A	A	A	A	A	A	A	A	B
Aluminum Sulfate	B	A	A	A	A	A	A	A	A	A
Ammonia, Anhydrous	A	C	A	B	A	B	A	C	D	C
Ammonia, liquid	B	B	A	A	A	A	A	C	A	
Ammonia, in Water	B	B	B	B	B	B	A	B	B	
Ammonium Carbonate	A	A	A	C	A	A	A	A	A	
Ammonium Chloride	A	A	A	A	A	A	A	A	A	
Ammonium Hydroxide	B	B	A	B	B	A	B	B	B	A
Ammonium Metaphosphate	A	A	A	A	A	A	A	A	A	
Ammonium Nitrate	B	A	A	A	A	A	A	A	A	
Ammonium Nitrite	A	A	A	A	A	A	A	A	A	B
Ammonium Persulfate	A	D	A	D	A	A	B	C	A	
Ammonium Phosphate	A	A	A	A	A	A	A	A	A	A
Ammonium Sulfate	A	A	A	A	A	A	A	A	A	

	Natural rubber	SBR	Butyl	Nitrile Buna-N	Neoprene	Hypalon	EPDM	Epichlorohydrin	Viton	Silicone
Ammonium Sulfide	A	A	A	A	A	A	A	A	A	
Ammonium Sulfite	A	A	A	A	A	A	A	A	A	
Ammonium Thiocyanate	A	A	A	A	A	A	A	A	A	
Ammonium Thiosulfate	A	A	A	A	A	A	A	A	A	
Amyl Acetate	C	D	B	D	D	D	B	D	D	D
Amyl Acetone	D	D	B	D	D	D	B	D	D	
Amyl Alcohol	A	A	A	A	A	A	A	B	A	D
Amylamine	C	B	B	C	D	C	D	C	D	
Amyl Borate	D	D	D	A	C	C	D	C	A	
Amyl Chloride	D	D	D	D	D	D	D	D	A	
Amyl Chloronapthalene	D	D	D	B	D	D	D	C	A	D
Amyl Napthalene	D	D	D	D	D	D	D	C	A	D
Amyl Oleate	D	D	B	D	D	D	B	C	C	
Amyl Phenol	D	D	D	D	D	D	D	C	A	
Anethole	D	D	D	D	D	D	D	D	B	
Aniline	D	D	B	D	C	C	B	D	B	D
Aniline Dyes	C	C	B	C	C	C	B	C	B	C
Aniline Hydrochloride	A	C	C	C	D	D	B	C	B	D
Animal Fats	D	D	B	A	B	B	B	A	A	B
Animal Grease	D	D	C	B	B	C	B	B	A	
Animal Oil	D	D	B	A	D	D	C	B	A	
Ansul Ether	D	D	C	C	D	D	C	D	D	D
Antifreeze (Ethylene Glycol)	A	A	A	A	A	A	A	A	A	
Antimony Trichloride	D	D	A	B	B	B	B	C	A	
Antimony Pentachloride	D	D	C	D	D	D	C	C	A	
Aqua Regia	D	D	D	D	D	C	C	D	B	D
Aromatic Hydrocarbons	D	D	D	C	D	D	D	B	A	
Arquad	A	A	A	A	A	A	A	A	A	
Arsenic Acid	A	A	A	A	A	A	A	A	A	A
Arsenic Chloride	D	D	D	C	A	D	B	C	D	
Arsenic Trichloride	D	D	D	C	A	D	B	C	D	
Asphalt	D	D	D	A	B	D	B	A	A	D
Astm # 1 Oil	D	D	D	A	A	B	D	A	A	
Astm # 2 Oil	D	D	D	A	B	C	D	A	A	
Astm # 3 Oil	D	D	D	A	B	C	D	A	A	
Aviation Gasoline	D	D	D	A	C	F	F	A	A	
Barium Carbonate	A	A	A	A	A	A	A	A	A	
Barium Chloride	A	A	A	A	A	A	A	A	A	A
Barium Hydroxide	A	A	A	A	A	A	A	A	A	A
Barium Sulfate	A	A	A	A	A	A	A	A	A	A
Barium Sulfide	A	A	A	A	A	A	A	A	A	A
Beet Sugar Liquors	A	A	A	A	A	A	A	A	A	A
benzaldehyde	D	D	B	D	D	D	B	D	D	B
Benzene (Benzol)	D	D	D	C	D	D	D	C	A	D
Benzene Sulfonic Acid	D	D	D	C	A	A	C	B	A	D

	Natural Rubber	SBR	Butyl	Nitrile Buna-N	Neoprene	Hypalon	EPDM	Epichlorohydrin	Viton	Silicone
Benzine Solvent (Ligroin)	D	D	D	A	B	D	D	B	A	D
Benzoic Acid	B	D	A	D	A	B	B	C	A	C
Benzoic Aldehyde	D	D	D	D	D	D	D	C	D	
Benzotrithloride	D	D	D	D	D	D	D	D	B	
Benzoyl Chloride	D	D	D	D	D	D	D	D	B	
Benzyl Acetate	D	D	B	D	D	B	B	D	D	
Benzyl Alcohol	B	B	B	D	B	B	B	D	A	B
Benzyl Chloride	D	D	C	D	D	D	D	D	A	D
Bichromate of soda (sodium dichromate)	D	D	A	D	B	B	C	C	A	
Black sulfate liquor	B	B	A	B	A	B	A	A	A	
Blast furnace gas	D	D	C	C	B	B	C	C	A	A
Bleach Solutions	D	D	B	D	D	C	B	D	B	B
Borax	B	B	A	B	A	A	A	A	A	B
Bordeaux Mixture	B	B	A	A	A	A	A	A	A	B
Boric Acid	A	A	A	A	A	A	A	A	A	A
Brine	A	A	A	A	A	A	A	A	A	A
Bromine	D	D	D	D	D	C	D	D	C	
Bromine Water	D	D	C	C	B	A	C	C	A	D
Bromobenzene	D	D	D	D	D	D	D	D	B	D
Bunker Oil	D	D	D	A	B	D	D	A	A	B
Butanol (Butyl Alcohol)	A	A	A	B	A	A	A	A	A	
Butadiene	D	D	D	D	C	B	D	D	A	D
Butter (Non F.D.A)	C	C	A	A	B	A	B	A	A	
Butyl Acetate	D	D	B	D	D	D	C	D	D	D
Butyl Acrylate	D	D	D	D	D	D	D	D	D	
Butylamine	B	C	C	C	D	C	C	C	D	D
Butyl Benzene	D	D	D	D	D	D	D	D	A	
Butyl Bromide	D	D	D	D	D	D	D	D	B	
Butyl Butyrate	D	D	C	D	D	D	B	C	C	
Butyl Carbitol	D	D	A	B	B	B	A	A	A	D
Butyl Cellosolve	D	D	A	B	B	B	A	A	D	
Butyl Chloride	D	D	C	D	D	D	D	C	A	
Butyl Ether	D	D	C	B	B	B	C	B	D	
Butyl Ethyl Acetaldehyde	D	D	C	D	D	D	D	C	D	
Butyl Ethyl Ether	D	D	C	D	D	B	C	C	C	
Butyl Oleate	D	D	B	D	D	D	B	C	A	
Butyl Phthalate	D	D	C	D	D	D	C	C	C	
Butyl Stearate	D	D	C	B	D	D	C	C	A	
Butyraldehyde	C	D	D	D	D	D	D	D	D	D
Butyric Acid	C	D	C	C	C	B	C	B	C	
Butyric Anhydride	C	D	C	C	D	B	C	B	C	
Calcium Acetate	C	D	A	D	D	D	A	C	D	D
Calcium Bisulfate	A	A	A	A	A	A	A	A	A	A
Calcium Bisulfite	C	A	B	A	A	A	C	A	A	
Calcium Carbonate	A	A	A	A	A	A	A	A	A	

	Natural Rubber	SBR	Butyl	Nitrile Buna-N	Neoprene	Hypalon	EPDM	Epichlorohydrin	Viton	Silicone
Calcium Chloride	A	A	A	A	A	A	A	A	A	A
Calcium Hydroxide	A	B	A	B	A	B	A	A	C	A
Calcium Hypochlorite	D	D	B	D	D	C	B	C	A	B
Calcium Nitrate	A	A	A	A	A	A	A	A	A	B
Calcium Sulfate	A	A	A	A	A	A	A	A	A	B
Calcium Sulfide	A	A	A	A	A	A	A	A	A	
Calcium Sulfite	A	A	A	A	A	A	A	A	A	B
Calcium Liquor (Crude Sodium Nitrate)	A	A	A	C	B	A	A	A	A	A
Cane Sugar Liquors (Non F.D.A.)	A	A	A	A	A	A	A	A	A	
Carbitol	D	D	A	B	B	B	B	C	A	B
Carbitol Acetate	D	D	B	D	D	D	B	C	D	
Carbolic Acid (Phenol)	D	D	B	D	C	C	C	D	A	D
Carbon Bisulfide (See Carbon Disulfide)	A	A	A	A	A	A	A	A	A	D
Carbon Dioxide	A	A	A	A	A	A	A	A	A	B
Carbon Disulfide	D	D	D	D	D	D	D	D	A	
Carbonic Acid	A	A	A	A	A	A	A	A	A	A
Carbon Monoxide	A	A	A	A	A	A	A	A	A	A
Carbon Tetrachloride	D	D	B	C	D	D	B	D	A	
Carbon Tetrafluoride	D	D	D	C	D	D	D	C	A	D
Castor Oil	C	D	B	A	B	C	B	A	A	A
Caustic Potash (Potassium Hydroxide)	A	B	A	A	B	A	A	A	C	
Caustic Soda (Sodium Hydroxide)	A	B	A	B	B	B	A	A	C	
Cellosolve	D	D	B	B	A	B	B	B	C	D
Cellulose Acelate	C	D	B	D	C	C	B	C	D	
Cellulube	C	D	B	D	D	D	A	D	C	A
China Wood Oil (Tubg Oil)	D	D	B	A	B	B	B	B	A	D
Chlorine Dioxide	D	D	D	D	D	C	D	D	A	
Chlorine Gas (Dry)	C	C	C	C	D	B	C	B	A	D
Chlorine, Water Solns	C	D	C	D	D	B	C	C	A	
Chloroacetic Acid	B	D	C	D	D	D	C	D	C	
Chloroacetone	D	D	B	D	D	B	D	D	D	D
Chlorobenzene	D	D	D	D	D	D	D	D	A	D
Chlorobutane	D	D	D	D	D	D	D	D	A	
Chlorobutadiene	D	D	D	D	D	D	D	D	A	D
Chloroform	D	D	D	D	D	D	D	D	A	D
Chlorinated Hydrocarbons	D	D	D	D	D	D	D	D	A	
Chloropentane	D	D	D	D	C	D	D	C	A	
Chlorophenol	D	D	D	D	D	D	D	D	B	
Chloropropanone	D	D	C	D	D	D	C	D	D	
Chlorosulfonic Acid	D	D	D	D	D	C	D	C	D	D
Chlorothene (Trichloroethane)	D	D	D	D	D	D	D	C	A	
Chlorotoluene	D	D	D	D	D	D	D	D	A	D
Chromic Acid	D	D	D	D	D	A	C	C	A	C
Citric Acid	A	A	A	B	B	A	A	A	A	A
Coal Oil	D	D	D	A	B	D	D	B	A	

	Natural Rubber	SBR	Butyl	Nitrile Buna-N	Neoprene	Hypalon	EPDM	Epichlorohydrin	Viton	Silicone
Coal Tar	D	D	D	A	B	B	B	A	A	D
Coal Tar Napth	D	D	D	C	C	D	D	C	A	
Cobalt Chloride	A	A	A	A	A	A	A	A	A	B
Coconut Oil	D	D	B	A	B	B	A	A	A	A
Cod Liver Oil	D	D	A	A	B	B	A	A	A	B
Coke Oven Gas	D	D	C	D	D	B	D	C	A	
Copper Arsenate	A	A	A	A	A	A	A	A	A	
Copper Chlorine	A	A	A	A	A	A	A	A	A	A
Copper Cyanide	A	A	A	A	A	A	A	A	A	A
Copper Nitrate	A	A	A	A	A	A	A	A	A	
Copper Nitrite	A	A	A	A	A	A	A	A	A	
Copper Sulfate	C	A	A	A	A	A	A	A	A	A
Copper Sulfide	C	A	A	A	A	A	A	A	A	
Corn Oil	D	D	B	A	B	B	B	A	A	A
Cottonseed Oil	D	D	A	A	B	B	A	A	A	A
Creosote (Woods)	D	D	D	B	C	C	D	B	A	
Creosote (Coal Tar)	D	D	D	B	C	C	D	B	A	D
Cresols	D	D	D	C	C	C	D	C	A	D
Cresylic Acid	D	D	D	C	C	C	D	C	A	D
Crotonaldehyde	D	D	A	D	D	D	C	D	D	
Crude Oil	D	D	D	A	C	D	D	A	A	
Cumene	D	D	D	C	C	D	D	C	A	D
Cupric Carbonate	C	C	A	B	B	B	A	B	A	
Cupric Chloride	C	C	A	A	B	A	A	B	A	
Cupric Nitrate	C	C	A	A	B	A	A	B	A	
Cupric Nitrite	C	C	A	A	B	A	A	B	A	
Cupric Sulfate	C	B	A	A	B	B	A	A	A	
Cyclohexane	D	D	D	B	D	D	D	B	A	D
Cyclohexanone	D	D	D	D	D	D	D	D	C	D
Cyclohexanol	D	D	D	B	B	D	D	B	B	D
Cyclopentane	D	D	D	C	D	D	D	B	A	
P-Cymene	D	D	D	C	D	D	D	B	A	D
DDT In Kerosene	D	D	D	A	B	C	D	A	A	
Decaline	D	D	D	D	D	D	D	D	A	D
Decane	D	D	D	B	D	D	D	B	A	B
Detergent Solutions	B	B	A	A	B	A	A	A	A	A
Diacetone Alcohol	D	D	A	D	B	B	B	D	D	B
Diamylamine	B	C	A	B	A	C	C	B	B	
Dibenzyl Ether	D	D	B	D	D	D	D	D	C	
Dibenzyl Sabacate	C	D	B	D	D	D	B	D	B	C
Dibromobenzene	D	D	D	D	D	D	D	D	A	D
Dibutylamine	B	V	V	B	A	C	B	B	D	C
Dibutylether	D	D	D	D	D	D	B	C	C	D
Dibutylphthalate	D	D	B	D	D	D	A	D	D	B
Dibutyl Sebacate	D	D	B	D	D	D	B	D	B	B

	Natural Rubber	SBR	Butyl	Nitrile Buna-N	Neoprene	Hypalon	EPDM	Epichlorohydrin	Viton	Silicone
Dicalcium Phosphate	A	A	A	A	A	A	A	A	A	
Dichloroacetic Acid	D	D	C	D	D	D	C	D	C	
P-Dichlorobenzene	D	D	D	D	D	D	D	D	A	D
Dichlorobutane	D	D	D	D	D	D	D	D	A	
Dichloroisopropyl Ether	D	D	C	D	D	D	C	D	C	D
Dicyclohexylamine	D	D	D	D	D	B	D	D	A	
Dichlorodifluoromethane (Freon 12)	D	D	D	A	B	D	D	B	A	
Dichloroethane	D	D	C	D	D	D	D	D	A	
Dichloroethylene	D	D	C	D	D	D	D	D	A	
Dichloroethyl Ether	D	D	D	D	D	D	D	D	C	
Dichlorohexane	D	D	D	D	D	D	D	D	A	
Dichloromethane	D	D	D	D	D	D	D	D	A	
Dichloropentane	D	D	D	D	D	D	D	D	A	
Dieldrin In Xylene	D	D	D	D	D	D	D	D	A	
Dieldrin In Xylene And Water Spray	D	D	D	B	B	D	D	B	A	
Diesel Oil	D	D	D	A	B	C	D	A	A	D
Diethanolamine	B	C	B	B	B	C	C	B	B	
Diethylamine	B	C	B	B	B	C	C	B	D	B
Diethyl Benzene	D	D	D	D	D	D	D	D	A	D
Diethyl Ether	D	D	D	B	C	D	D	D	D	D
Diethylene Dioxide	D	D	B	D	D	D	B	C	D	
Diethylene Glycol	A	A	A	A	A	A	A	A	A	B
Diethylenetriamine	B	B	A	B	C	C	A	B	C	
Diethyl Oxalate	C	D	C	D	D	D	A	D	C	
Diethyl Phthalate	D	D	A	D	D	D	C	D	C	
Diethyl Sebacate	D	D	A	D	D	D	C	D	B	B
Diethyl Sulfate	D	D	B	D	D	D	B	D	A	
Diethyl Triamine	D	C	A	B	B	C	B	B	C	
Dihydroxyethyl Amine	B	C	A	B	B	C	B	B	C	
Dihydroxyethyl Ether	A	A	A	A	B	A	B	A	A	
Diisobutylene	D	D	D	A	B	D	D	A	A	D
Diisobutyl Ketone	D	D	B	D	D	D	B	D	D	
Diisobutyl Adipate	D	D	A	D	D	C	A	D	C	
Diisodecyl Phthalate	D	D	A	D	D	C	A	D	C	
Diisooctyl Adipate	D	D	A	D	D	D	A	D	C	
Diisooctyl Phthalate	D	D	A	D	D	C	A	D	C	
Diisopropanol Amine	B	C	A	B	D	C	A	B	C	
Diisopropyl Benzene	D	D	D	C	D	D	D	C	A	
Diisopropyl Ether	D	D	D	B	D	D	D	B	B	
Diisopropyl Ketone	D	D	A	D	D	D	A	D	D	D
Dilauryl Ether	D	D	D	C	D	C	D	D	C	
Dimethylamine	B	C	A	B	B	C	A	B	C	
Dimethyl Benzene	D	D	D	D	D	D	D	D	A	
Dimethylaniline	D	D	D	D	D	D	C	D	D	D
Dimethylformamide (DMF)	C	C	C	D	C	C	C	D	D	B

	Natural Rubber	SBR	Butyl	Nitrile Buna-N	Neoprene	Hypalon	EPDM	Epichlorohydrin	Viton	Silicone
Dimethyl Ketone (Acetone)	B	C	A	D	C	C	A	D	D	
Dimethyl Phthalate	D	D	A	D	D	D	B	D	C	
Dimethyl Sulfate	D	D	B	D	D	D	D	D	D	
Dimethyl Sulfide	D	D	C	D	D	D	D	D	C	
Dinitrobenzene	D	D	C	D	C	D	C	D	A	
Dinitrotoluene	D	D	D	D	D	D	D	D	B	D
Diethyl Adipate (DOA)	D	D	A	D	D	D	B	D	C	
Diethylamine	B	B	A	B	D	C	B	B	C	
Diethyl Phthalate (DOP)	D	D	B	D	D	D	B	B	A	C
Diethyl Sebacate (DOS)	D	D	B	D	D	D	B	D	B	C
Dioxane	D	D	B	D	D	D	B	D	D	D
Dioxolane	D	D	C	D	D	D	B	D	C	D
Dipentene (Limonene)	D	D	D	C	D	D	D	C	A	D
Diphenyl (Biphenyl)	D	D	D	D	D	D	D	D	A	D
Dipropyl Ketone	D	D	B	D	D	D	B	D	D	
Disodium Phosphate	A	A	A	A	A	A	A	A	A	
Divinyl Benzene	D	D	D	D	D	D	D	D	A	
D.M.P (Dimethyl Phenols)	D	D	D	D	D	D	D	D	D	
Dodecyl Benzene	D	D	D	D	D	D	D	D	A	
Diphenyl Oxide (Phenyl Ether)	D	D	D	D	D	C	D	D	A	C
Dipropylamine	B	B	A	B	B	C	A	B	C	
Dipropylene Glycol	A	A	A	A	A	A	A	A	A	
Dodecyl Toulene	D	D	D	D	D	D	D	D	A	
Dowfume W 40, 100%	D	D	D	D	C	C	C	D	C	
Dow-Per (Perchloroethylene)	D	D	D	C	D	D	D	C	A	
Dowtherm Oil, A and E	D	D	D	D	D	C	D	D	A	C
Dowtherm S.R.I	A	A	A	A	A	A	A	A	A	
Dry Cleaning Fluids	D	D	D	C	D	D	D	C	A	D
Epichlorohydrin	D	D	C	D	D	C	B	D	D	D
Ethanol (Ethyl Alcohol)	A	A	A	A	A	A	A	A	C	
Ethanolamine	B	C	B	B	B	C	B	B	D	B
Ethers	D	D	C	D	D	C	D	D	C	
Ethyl Acetate	D	D	B	D	D	C	B	D	D	B
Ethyl Acetoacetate	D	D	B	D	D	D	B	D	D	B
Ethyl Acrylate	D	D	C	D	D	D	D	D	D	B
Ethyl Benzene	D	D	D	C	D	D	D	C	A	D
Ethyl Benzoate	D	D	B	B	C	C	B	B	C	D
Ethyl Butyl Alcohol	A	A	A	A	A	A	A	A	B	
Ethyl Butyl Amine	B	C	A	B	B	C	B	B	B	
Ethyl Butyl Ketone	D	D	B	D	D	D	B	D	D	
Ethyl Cellulose	B	B	B	B	B	B	B	B	D	C
Ethyl Chloride	C	C	D	C	C	D	D	B	A	D
Ethyl Dichloride	D	D	D	D	D	D	D	D	B	
Ethylene	D	D	D	A	B	C	D	A	A	
Ethylene Bromide	D	D	D	D	D	D	D	D	A	

	Natural Rubber	SBR	Butyl	Nitrile Buna-N	Neoprene	Hypalon	EPDM	Epichlorohydrin	Viton	Silicone
Ethylene Chloride	D	D	D	D	D	D	D	D	A	D
Ethylene Diamine	B	C	A	B	A	C	A	A	D	A
Ethylene Dibromide	D	D	D	D	D	D	D	D	B	
Ethylene Dichloride	D	D	D	D	D	D	D	D	B	D
Ethylene Glycol	A	A	A	A	A	A	A	A	A	A
Ethylene Oxide	D	D	C	D	D	D	C	D	D	D
Ethylene Trichloride (Trichloroethylene)	D	D	D	C	D	D	D	C	A	D
Ethyl Ether	D	D	D	C	D	D	D	B	D	D
Ethyl Formate	D	D	B	D	D	D	C	D	D	
Ethyl Hexanol	A	A	A	A	A	A	A	A	B	
Ethyl Methyl Ketone	C	D	B	D	D	D	B	D	D	
Ethyl Oxalate	A	A	A	D	D	D	B	D	C	D
Ethyl Phthalate	D	D	A	D	D	D	B	D	C	
Ethyl Propyl Ether	D	D	D	D	D	D	D	D	C	
Ethyl Propyl Ketone	D	D	B	D	D	D	B	D	D	
Ethyl Silicate	C	C	A	A	A	A	A	A	A	
Ethyl Sulfate	D	D	B	D	D	D	B	D	D	
EX. TRI (Trichloroethylene)	D	D	D	C	D	D	D	C	A	
Fatty Acids	D	D	D	B	B	B	C	A	A	C
Ferric Bromide	A	A	A	A	A	A	A	A	A	
Ferric Chloride	A	A	A	A	A	A	A	A	A	B
Ferric Nitrate	A	A	A	A	A	A	A	A	A	C
Ferric Sulfate	A	A	A	A	A	A	A	A	A	B
Ferrous Acetate	D	D	A	D	D	D	B	D	D	
Ferrous Ammonium Sulfate	A	A	A	A	A	A	A	A	A	
Ferrous Chloride	A	A	A	A	A	A	A	A	A	
Ferrous Hydroxide	B	C	A	B	A	B	A	A	C	
Ferrous Sulfate	A	A	A	A	A	A	A	A	A	
Fish Oil	D	D	A	A	A	A	A	A	A	A
Fluoroboric Acid	A	C	A	A	B	A	A	A	C	
Fluorine	D	D	D	D	D	D	D	D	D	D
Fluosilicic Acid	B	B	A	B	B	A	B	C	A	D
Formaldehyde (Formalin)	C	C	A	B	B	B	B	B	A	B
Formamide	A	A	A	A	A	A	A	A	D	
Formic Acid	B	B	A	C	C	C	C	C	D	B
Freon 11	D	D	D	A	B	A	D	A	A	D
Freon 12	D	D	D	B	C	D	C	A	B	D
Freon 13	A	A	A	A	A	A	A	A	A	D
Freon 21	D	D	D	D	B	D	D	B	D	D
Freon 22	D	D	A	D	A	D	A	A	D	D
Freon 31	B	B	A	D	A	B	A	D	D	
Freon 32	A	A	A	A	A	A	A	A	C	
Freon 112	D	D	D	B	B	B	D	B	A	D
Freon 113	C	B	D	A	A	A	D	A	B	D
Freon 114	A	A	A	A	A	A	A	A	B	D

	Natural Rubber	SBR	Butyl	Nitrile Buna-N	Neoprene	Hypalon	EPDM	Epichlorohydrin	Viton	Silicone
Freon 115	A	A	A	A	A	A	A	A	B	
Freon 142b	A	A	A	A	A	A	A	A	D	
Freon 152a	A	A	A	A	A	C	A	A	D	
Freon 218	A	A	A	A	A	A	A	A	A	
Freon C316	A	A	A	A	A	A	A	A	A	
Freon C318	A	A	A	A	A	A	A	A	A	
Freon 13B1	A	A	A	A	A	A	A	A	A	D
Freon 114B2	D	C	D	B	A	A	D	B	B	D
Freon 502	A	A	A	B	A	A	A	B	B	
Freon TF	C	B	A	A	A	A	A	A	A	D
Freon T-WD602	C	B	A	A	B	B	B	A	A	D
Freon TMC	B	C	B	B	B	B	B	B	A	C
Freon T-P35	A	A	A	A	A	A	A	A	A	A
Freon TA	A	A	A	A	A	A	A	A	C	C
Freon TC	D	B	A	A	A	A	B	A	A	D
Freon MF	D	B	D	A	C	B	D	A	A	D
Freon BF	D	D	D	B	B	B	D	B	A	D
Fuel Oil	D	D	D	A	B	C	D	A	A	D
Fuel, ASTM A	D	D	D	A	A	C	D	A	A	
Fuel, ASTM B	D	D	D	A	B	C	D	A	A	
Fuel, ASTM C	D	D	D	B	C	D	D	B	A	
Fumaric Acid	A	A	D	A	B	B	D	A	A	B
Furan	D	D	C	D	D	D	C	D	D	
Furfural	D	D	B	D	C	B	B	D	D	D
Furfuryl Alcohol	D	D	C	D	C	C	C	D	D	
Gallic Acid	A	A	B	B	B	B	B	B	B	
Gasoline, Reg	D	D	D	A	A	C	D	A	A	D
Gasoline, Hi-Test	D	D	D	A	B	D	D	A	A	
Gasoline, lead Free	D	D	D	B	B	D	D	A	A	
Gelatin	A	A	A	A	A	A	A	A	A	A
Gluconic Acid	D	D	C	C	C	B	C	C	A	
Glucose	A	A	A	A	A	A	A	A	A	A
Glue	A	A	A	A	A	A	A	A	A	A
Glycerine (Glycerol)	A	A	A	A	A	A	A	A	A	A
Glycols	A	A	A	A	A	A	A	A	A	A
Grease	D	D	D	A	B	C	D	A	A	
Green Sulfate Liquor	A	A	A	A	B	A	A	A	B	A
Holawax Oil	D	D	D	D	D	D	D	D	A	D
Heptachlor in Petroleum Solvents	D	D	D	B	B	D	D	B	A	
Heptachlor in Petroleum Solvents Water Spray	D	D	D	B	B	D	D	B	A	
Heptanal (Heptaldehyde)	D	D	D	D	D	D	B	D	D	
Heptane	D	D	D	A	A	B	D	A	A	
Heptane Carboxylic Acid	D	D	C	C	B	B	C	A	A	
Hexaldehyde	D	D	B	D	B	C	B	D	D	B
Hexane	D	D	D	A	A	C	D	A	A	D

	Natural Rubber	SBR	Butyl	Nitrile Buna-N	Neoprene	Hypalon	EPDM	Epichlorohydrin	Viton	Silicone
Hexene	D	D	D	B	B	C	D	B	A	D
Hexanol (Hexyl Alcohol)	A	A	A	A	A	A	A	A	A	B
Hexylamine	B	C	B	B	B	C	B	B	D	
Hexylene	D	D	D	A	B	D	C	A	A	
Hexylene Glycol	A	A	A	A	A	A	A	A	A	
Hexyl Methyl Ketone	D	D	B	D	D	D	B	D	D	
Hi-Tri (Trichloroethylene)	D	D	D	C	D	D	D	C	A	
Hydraulic Fluid (Petroleum)	D	D	D	A	B	B	D	A	A	C
Hydraulic Fluid (Phosphate Ester Base)	D	D	A	D	D	D	A	D	D	
Hydraulic Fluid Poly Alkylene Glycol Base	B	B	A	A	A	A	A	A	A	
Hydrobromic Acid	A	D	A	D	C	A	B	C	A	D
Hydrochloric Acid, 37%	A	B	A	C	C	A	B	D	A	C
Hydrochloric Acid, 50%	A	C	B	D	D	A	C	D	A	
Hydrochloric Acid, 100%	B	C	C	D	D	B	C	D	C	
Hydrocyanic Acid	B	C	A	B	C	A	B	C	B	C
Hydrofluoric Acid	B	D	B	D	C	A	B	D	B	D
Hydroflousilic Acid	A	D	A	D	C	A	B	C	B	D
Hydrogen Gas	B	B	A	A	A	A	B	A	A	C
Hydrogen Peroxide, 3%	A	B	A	B	C	A	B	B	A	
Hydrogen Peroxide, 10%	D	D	C	D	C	C	C	C	A	
Hydrogen Peroxide, 30%	D	D	D	D	D	D	C	D	A	
Hydrogen Peroxide, 90%	D	D	D	D	D	D	C	D	B	B
Hydrogen Sulfide	D	D	A	D	A	B	A	C	A	C
Hydroquinone	B	B	B	D	D	C	B	D	D	
Hypochlorous Acid	B	B	B	D	B	A	B	B	A	
Ink Oil (Linseed oil Base)	D	D	B	B	B	B	B	A	A	
Insulating Oil	D	D	D	A	B	D	D	A	A	
Iodine	D	D	D	D	D	C	D	D	C	D
Iron Acetate	D	D	A	D	D	D	B	D	D	
Iron Hydroxide	C	C	A	B	A	B	B	B	C	
Iron Salts	A	A	A	A	A	A	A	A	A	
Iron Sulfate	A	A	A	A	A	A	A	A	A	
Iron Sulfide	A	A	A	A	A	A	A	A	A	
Isoamyl Acetate	D	D	A	D	D	D	B	D	D	
Isoamyl Alcohol	A	A	A	A	A	A	A	A	A	
Isoamyl Bromide	D	D	D	D	D	D	D	D	B	
Isoamyl Butyrate	D	D	C	D	D	D	C	D	D	
Isoamyl Chloride	D	D	C	D	D	D	D	D	B	
Isoamyl Ether	D	D	D	D	D	D	D	D	D	
Isoamyl Phthalate	D	D	A	D	D	D	B	D	C	
Isobutane	D	D	D	A	A	D	D	A	A	
Isobutanol (Isobutyl Alcohol)	A	A	A	A	A	A	A	A	A	A
Isobutyl Acetate	D	D	A	D	D	D	B	D	D	
Isobutyl Aldehyde	C	D	B	D	D	D	B	D	D	
Isobutyl Amine	B	C	B	D	D	C	B	D	D	

	Natural Rubber	SBR	Butyl	Nitrile Buna-N	Neoprene	Hypalon	EPDM	Epichlorohydrin	Viton	Silicone
Isobutyl Bromide	D	D	D	D	D	D	D	D	B	
Isobutyl Carbinol	A	A	A	A	B	A	A	A	B	
Isobutyl Chloride	D	D	D	D	D	D	D	D	B	
Isobutylene	D	D	D	C	C	D	D	B	A	
Isobutyl Ether	D	D	D	D	D	D	D	D	D	
Isocyanates	C	D	B	D	D	C	B	C	C	
Isooctane	D	D	D	A	A	B	D	A	A	D
Isopentane	D	D	D	A	A	D	D	A	A	
Isopropyl Amine	B	C	A	B	A	C	B	B	D	
Isopropyl Acetate	D	D	A	D	D	C	B	D	D	D
Isopropyl Alcohol (Iso-propanol)	A	A	A	A	A	A	B	A	B	A
Isopropyl Amine	B	D	B	C	A	C	B	C	D	
Isopropyl Benzene	D	D	D	D	D	D	D	D	A	
Isopropyl Chloride	D	D	D	D	D	D	D	D	B	D
Isopropyl Ether	D	D	D	C	D	C	D	C	D	D
Isopropyl Toluene	D	D	D	D	D	D	D	D	A	
Jet Fuels (JP 1-JP 6)	D	D	D	A	B	C	D	A	A	
Kerosene	D	D	D	A	B	C	D	A	A	D
Ketones	B	B	B	D	D	D	B	D	D	
Lactic Acid	B	B	B	A	A	A	B	A	A	A
Lacquers	D	D	D	D	D	D	D	D	D	D
Lacquer Solvents	D	D	D	D	D	D	D	D	D	D
Lard	D	D	D	A	B	D	C	A	A	B
Lauryl Alcohol	A	A	A	A	A	A	A	A	B	
Lead Acetate	D	D	A	C	C	D	B	B	C	D
Lead Nitrate	A	A	A	A	A	A	A	A	A	B
Lead Sulfamate	B	B	A	B	A	B	A	B	A	B
Lead Sulfate	A	A	A	A	A	A	A	A	A	
Ligroin	D	D	D	A	A	D	D	A	A	D
Lime water	D	D	A	C	A	A	A	C	A	
Linseed Oil	D	D	A	A	B	B	B	A	A	A
Lindol (Tricresyl Phosphate)	D	D	A	D	D	B	A	D	A	
Liquid Soap	A	A	A	A	A	A	A	A	A	
Liquified Petroleum Gas	D	D	D	A	B	B	D	A	A	C
Libricating Oils	D	D	D	A	B	C	D	A	A	D
Lye (Sodium Hydroxide)	A	B	A	B	A	A	A	B	D	B
Magnesium Acetate	D	D	A	D	D	D	B	D	D	
Magnesium Carbonate	A	A	A	A	A	A	A	A	A	
Magnesium Chloride	A	A	A	A	A	A	A	A	A	A
Magnesium Hydrate	A	B	A	B	A	B	A	C	B	
Magnesium Hydroxide	A	A	A	A	A	A	B	A	A	
Magnesium Nitrate	A	A	A	A	A	A	A	A	A	
Magnesium Sulfate	A	A	A	A	A	A	A	A	A	A
Malathion 50 in Armomatic Solvents	D	D	D	C	C	D	D	D	A	
Malathion 50 in Aromatic S "water spray"	D	D	D	A	A	D	D	A	A	

	Natural Rubber	SBR	Butyl	Nitrile Buna-N	Neoprene	Hypalon	EPDM	Epichlorohydrin	Viton	Silicone
Maleic Acid	D	D	C	D	C	D	C	C	A	
Maleic Anhydride	D	D	C	D	C	D	C	C	A	
Malic Acid	A	B	D	B	C	B	D	C	A	B
Manganese Sulfate	A	A	A	A	A	A	A	A	A	
Maganese Sulfide	C	A	A	A	B	A	B	C	A	
Maganese Sulfite	C	A	A	A	B	A	B	C	A	
Mercuric Chloride	B	B	B	C	C	B	C	A	A	
Mercury	B	B	A	A	B	A	A	A	A	
Methane	D	D	D	A	B	B	D	A	A	D
Methyl Acetate	C	D	B	D	D	D	B	D	D	D
Methyl Acrylate	C	D	B	D	C	D	B	D	D	D
Methacrylic Acid	D	D	B	D	B	C	B	D	B	D
Mehtyl Alcohol (Methanol)	A	A	A	A	A	A	A	B	C	
Methyl Benzene (Toulene)	D	D	D	D	D	D	D	D	A	
Methyl Bromide	D	D	B	B	D	D	B	C	A	
Methyl Butyl Ketone	D	D	B	D	D	D	B	D	D	C
Methyl Cellosolve	D	D	B	C	B	C	B	C	D	D
Methyl Chloride	D	D	D	C	D	D	D	C	B	D
Methyl Cyclohexane	D	D	D	D	D	D	D	C	B	
Methylene Bromide	D	D	D	D	D	D	D	D	B	
Mehtylene Chloride	D	D	D	D	D	D	D	D	B	D
Methyl Ethyl Ketoe (MEK)	B	D	B	D	D	D	B	D	D	D
Methyl Formate	C	C	B	D	B	C	B	D	C	
Methyl Hexanol	A	A	A	A	A	A	A	A	B	
Methyl Hexyl Ketone	D	D	B	D	D	D	B	D	D	
Methyl Isobutyl Carbinol	B	C	A	B	B	B	A	C	B	
Methyl Isobutyl Ketone (MIBK)	D	D	B	D	D	D	B	D	D	D
Methyl Isopropyl Ketone	D	D	B	D	D	D	B	D	D	
Methyl Propyl Ether	D	D	D	D	D	D	D	D	D	
Methyl Propyl Ketone	D	D	B	D	D	D	B	D	D	
Methyl Methacrylate	D	D	D	D	D	B	D	D	D	D
Methyl Salicylate	D	D	B	D	D	D	B	D	C	
Mineral Oil	D	D	D	A	B	B	D	A	A	B
Mineral Spirits	D	D	D	A	B	D	D	A	A	
Monochlorobenzene	D	D	D	D	D	D	D	D	A	D
Monochlorodiflouromethane (Freon 22)	D	D	A	D	A	D	A	A	D	
Monoethanolamine	B	C	B	C	B	B	B	C	D	B
Monomethylether	B	B	A	A	A	C	A	A	C	A
Monovinyl Acetate	D	D	B	D	D	C	C	C	A	B
Motor Oil	D	D	D	A	A	D	D	A	A	
Naphtha	D	D	D	A	B	D	D	A	A	D
Napthalene	D	D	D	D	D	D	D	D	A	D
Napthenic Acid	D	D	D	C	D	D	D	C	A	
Neatsfoot Oil	D	D	B	A	B	B	B	A	A	B
Neu-Tri (Trichloroethylene)	D	D	D	C	D	D	D	C	A	

	Natural Rubber	SBR	Butyl	Nitrile Buna-N	Neoprene	Hypalon	EPDM	Epichlorohydrin	Viton	Silicone
Nickel Acetate	D	D	A	D	D	D	B	D	D	D
Nickel Chloride	A	A	A	A	A	A	A	A	A	A
Nickel Nitrate	A	A	A	A	A	A	A	A	A	
Nickel Plating Solution	A	D	B	B	C	B	B	B	A	
Nickel Sulfate	A	A	A	A	A	A	A	A	A	A
Niter Cake	A	A	A	A	A	A	A	A	A	A
Nitric Acid, 10%	D	D	B	D	C	B	B	D	A	
Nitric Acid, 20%	D	D	B	D	D	B	C	D	A	
Nitric Acid, 30-70%	D	D	C	D	D	D	D	D	C	
Nitric Acid, Red Fuming	D	D	D	D	D	D	D	D	D	D
Nitrobenzene	D	D	D	D	D	D	D	D	B	D
Nitrogen Gas	A	A	A	A	A	A	A	A	A	A
Nitrogen Tetraoxide	D	D	D	D	D	D	D	D	D	D
Nitromethane	B	B	B	D	C	C	D	C	D	D
Nitropropane	C	C	A	D	C	C	B	C	D	
Nitrous Oxide	A	A	A	A	A	A	A	A	A	
Octadecanoic Acid	D	D	B	A	B	D	C	A	C	
Octane	D	D	D	A	B	D	D	A	A	D
Octanol (Octyl Alcohol)	B	B	B	B	A	B	B	A	A	B
Octyl Acetate	D	D	A	D	D	D	B	D	D	
Octyl Amine	C	C	B	C	B	C	B	C	D	
Octyl Carbinol	A	A	A	A	A	A	A	A	B	
Octylene Glycol	A	A	A	A	A	A	A	A	A	
Oil, Petroleum	D	D	D	A	A	C	D	A	A	
Oil, Astm #1	D	D	D	A	A	B	D	A	A	
Oil, Astm #2	D	D	D	A	A	C	D	A	A	
Oil, Astm #3	D	D	D	A	B	C	D	A	A	
Oleic Acid	D	D	B	B	C	C	B	B	C	D
Oleum (Fuming Sulfuric Acid)	D	D	D	D	D	D	D	D	D	D
Olive Oil (Non F.D.A.)	D	D	B	A	B	B	B	B	A	C
Orthodichlorobenzene	D	D	D	D	D	D	D	D	A	D
Oxalic Acid	C	C	A	C	B	B	A	C	C	B
Oxygen, Cold	B	B	A	B	B	B	B	B	A	A
Oxygen, Hot	D	D	D	D	D	D	D	D	B	B
Ozone	D	C	B	D	A	A	A	A	A	A
Paint Thinner (Duco)	D	D	D	D	D	D	D	D	C	D
Palmitic Acid	D	D	B	A	B	B	B	B	A	D
Palm Oil	D	D	A	A	B	B	B	A	A	
Papermaker's Alum	A	A	A	A	A	A	A	A	A	
Paradichlorobenzene	D	D	D	D	D	D	D	D	A	
Paraffin	D	D	D	A	A	D	D	A	A	
Paraformaldehyde	D	D	B	B	B	B	B	B	C	
Peanut Oil	D	D	C	A	B	B	D	A	A	A
Pentane	D	D	D	A	A	B	D	A	A	
Perchloroethylene	D	D	D	D	D	D	D	C	A	D

	Natural Rubber	SBR	Butyl	Nitrile Buna-N	Neoprene	Hypalon	EPDM	Epichlorohydrin	Viton	Silicone
Perchloric Acid	B	B	B	D	A	A	B	C	A	
Petrolatum	D	D	D	A	A	C	D	A	A	
Petroleum, Crude	D	D	D	A	B	D	D	A	A	
Petroleum Ether (Naphtha)	D	D	D	A	A	D	D	A	A	
Petroleum Oils	D	D	D	A	A	C	D	A	A	
Phenol	C	C	B	D	C	C	C	C	A	D
Phenolsulfonic Acid	D	D	C	D	C	D	C	C	A	
Phenyl Chloride	D	D	D	D	D	D	D	D	A	
Phenylhydrazine	C	D	B	D	D	C	C	D	A	
Phorone	D	D	A	D	D	D	B	D	C	D
Phosphate Esters	D	D	A	D	D	D	A	D	C	
Phosphoric Acid, 10%	A	A	A	A	A	A	A	A	A	B
Phosphoric Acid, 10-85%	C	C	A	C	B	A	A	C	A	C
Phosphorous Trichloride	D	D	A	D	D	D	A	C	A	
Pickling Solution	C	C	C	C	C	C	C	C	B	D
Picric Acid, Molten	C	C	C	C	C	B	C	C	C	
Picric Acid, Water Soin	A	C	A	B	B	A	B	B	C	
Pinene	D	D	D	A	D	D	D	A	A	D
Pine Oil	D	D	D	C	C	D	D	C	B	D
Piperidine	D	D	D	D	D	D	D	D	D	D
Pitch	D	D	D	B	B	C	D	B	C	
Plating Solutions, Chrome	D	D	A	B	B	C	A	B	A	D
Plating Solutions, Others	A	A	A	B	B	C	A	B	B	D
Polyvinyl Acetate Emulsion (PVA)	C	C	A	C	B	B	A	C	C	
Polyethylene Glycol	A	A	A	A	A	A	A	A	A	
Polypropylene Glycol	A	A	A	A	A	A	A	A	A	
Potassium Acetate	D	D	A	D	D	D	B	D	D	D
Potassium Bicarbonate	A	A	A	A	A	A	A	A	A	
Potassium Bisulfate	A	A	A	A	A	A	A	A	A	
Potassium Bisulfite	A	A	A	A	A	A	A	A	A	
Potassium Carbonate	A	A	A	A	A	A	A	A	A	
Potassium Chloride	A	A	A	A	A	A	A	A	A	A
Potassium Chromate	D	D	A	D	C	C	B	C	A	
Potassium Cyanide	A	A	A	A	A	A	A	A	A	A
Potassium Dichromate	D	D	A	D	B	C	B	C	A	A
Potassium Hydrate	A	B	A	B	B	B	A	B	C	
Potassium Hydroxide	A	A	A	A	B	A	A	A	D	C
Potassium Nitrate	A	A	A	A	A	A	A	A	A	A
Potassium Permanganate	D	D	A	D	D	D	A	D	A	
Potassium Silicate	A	A	A	A	A	A	A	A	A	
Potassium Sulfate	A	A	A	A	A	A	A	A	A	A
Potassium Sulfide	A	A	A	A	A	A	A	A	A	
Potassium Sulfite	A	A	A	A	A	A	A	A	A	
Producer Gas	D	D	D	A	B	B	D	A	A	B
Propanediol	A	A	A	A	B	A	A	A	A	D

	Natural Rubber	SBR	Butyl	Nitrile Buna-N	Neoprene	Hypalon	EPDM	Epichlorohydrin	Viton	Silicone
Propyl Acetate	D	D	B	D	D	D	B	D	D	D
Propyl Alcohol (Propanol)	A	A	A	A	A	A	A	A	A	A
Propyl Aldehyde	C	D	B	D	D	D	B	D	D	
Propyl Chloride	D	D	C	D	C	D	C	C	B	
Propylene Diamine	B	B	A	B	B	C	B	B	C	
Propylene Dichloride	D	D	D	D	D	D	D	D	B	
Propylene Glycol	A	A	A	A	A	A	A	A	A	
Pydraul Hydraulic Fluids	D	D	B	D	D	D	B	D	C	
Pyranol	D	D	D	C	D	D	D	C	A	
Pyrrole	C	B	B	D	D	D	C	D	C	B
Rape Seed Oil	D	D	A	B	B	B	B	A	A	
Red Oil (Crude Oleic Acid)	D	D	B	B	B	B	B	B	A	D
Richfield A Weed Killer, 100%	D	D	D	D	D	D	D	D	C	
Richfield B Weed Killer, 33%	D	D	B	B	B	C	D	C	C	
Rosin Oil	D	D	D	A	A	B	D	A	A	
Retenone And Water	A	A	A	A	A	A	A	A	A	
Sal Ammoniac (Ammonium Chloride)	A	A	A	A	A	A	A	A	A	B
Salicylic Acid	A	B	A	D	D	A	A	C	A	
Salt Water (Sea Water)	A	A	A	A	A	A	A	A	A	A
Sewage	C	C	C	A	B	A	B	A	A	B
Silicate Of Soda (Sodium Silicate)	A	A	A	A	A	A	A	A	A	
Silicate Esters	D	D	D	B	A	A	D	C	A	D
Silicone Greases	A	A	A	A	A	A	A	A	A	C
Silicone Oils	A	A	A	A	A	A	A	A	A	C
Silver Nitrate	A	A	A	A	A	A	A	A	A	A
Skelly Solvent	D	D	D	A	B	C	D	A	A	
Skydrol Hydraulic Fluids	D	D	A	D	D	D	A	D	D	C
Soap Solutions	A	A	A	A	A	A	A	A	A	A
Soda Ash (Sodium Carbonate)	A	A	A	A	A	A	A	A	A	A
Soda Caustic (Sodium Hydroxide)	A	B	A	B	A	A	A	B	D	
Soda, Lime	A	B	A	B	B	B	A	B	C	
Soda Niter (Sodium Nitrate)	A	A	A	A	A	A	A	A	A	
Sodium Acetate	D	D	A	D	D	D	B	D	D	D
Sodium Aluminate	A	A	A	A	A	A	A	A	A	
Sodium Bicarbonate	A	A	A	A	A	A	A	A	A	A
Sodium Bisulfate	A	A	A	A	A	A	A	A	A	
Sodium Bisulfite	A	A	A	A	A	A	A	A	A	A
Sodium Borate	A	A	A	A	A	A	A	A	A	A
Sodium Carbonate	A	A	A	A	A	A	A	A	A	
Sodium Chloride	A	A	A	A	A	A	A	A	A	A
Sodium Chromate	D	D	A	D	C	C	B	C	C	
Sodium Cyanide	A	A	A	A	A	A	A	A	A	A
Sodium Dichromate	D	D	A	D	C	C	B	C	C	
Sodium Flouride	A	A	A	A	A	A	A	A	A	
Sodium Hydroxide	A	B	A	B	A	A	A	B	D	B

	Natural Rubber	SBR	Butyl	Nitrile Buna-N	Neoprene	Hypalon	EPDM	Epichlorohydrin	Viton	Silicone
Sodium Hypochlorite	C	D	B	D	D	C	B	C	A	B
Sodium Metaphosphate	A	A	A	A	B	B	A	A	A	
Sodium Nitrate	A	A	A	A	A	A	A	A	A	D
Sodium Nitrite	A	A	A	A	A	A	A	A	A	
Sodium Perborate	C	D	A	D	B	D	B	C	A	B
Sodium Peroxide	B	B	A	B	B	B	A	B	A	D
Sodium Phosphate	A	A	A	A	A	A	A	A	A	D
Sodium Silicate	A	A	A	A	A	A	A	A	A	
Sodium Sulfate	A	A	A	A	A	A	A	A	A	A
Sodium Sulfide	A	A	A	A	A	A	A	A	A	
Sodium Sulfite	A	A	A	A	A	A	A	A	A	
Sodium Thiosulfate	A	A	A	A	A	A	A	A	A	A
Soybean Oil	D	D	B	B	B	B	B	B	A	A
Stannic Chloride	A	A	B	A	A	A	A	A	A	B
Stannic Sulfide	A	A	A	A	A	A	A	A	A	
Stannous Chloride	A	A	A	A	A	A	A	A	A	B
Stannous Sulfide	A	A	A	A	A	A	A	A	A	
Stearic Acid	D	D	B	A	B	B	C	B	A	B
Stoddards Solvent	D	D	D	A	C	D	D	A	A	D
Styrene	D	D	D	D	D	D	D	D	B	D
Sugar Solutions (Sucrose)	A	A	A	A	A	A	A	A	A	A
Sulfamic Acid	C	C	A	B	B	B	A	C	A	
Sulfite Liquors	B	B	A	B	B	A	B	B	A	D
Sulfonic Acid	D	D	D	D	C	C	D	C	D	
Sulfur (Molten)	D	D	B	C	C	C	C	B	A	C
Sulfur (Chloride)	D	D	D	D	D	B	D	C	A	C
Sulfur Dioxide	C	C	B	D	B	B	C	C	A	B
Sulfur Hexafluoride	A	A	A	A	A	A	A	A	A	B
Sulfur Trioxide	D	D	B	D	D	D	C	D	A	B
Sulfuric Acid, 25%	B	B	B	B	A	A	B	C	A	D
Sulfuric Acid, 25-50%	B	D	A	D	C	A	B	D	A	D
Sulfuric Acid, 50-96%	D	D	C	D	C	B	B	D	A	
Sulfuric Acid, Fuming	D	D	D	D	D	D	D	D	D	D
Sulfurous Acid	B	C	B	C	B	A	B	C	A	D
Tall Oil	D	D	D	A	B	B	D	B	A	
Tallow	D	D	D	A	A	D	D	A	A	
Tannic Acid	A	B	A	C	B	B	A	C	A	B
Tar	D	D	D	B	B	D	D	B	A	B
Tartaric Acid	A	A	B	B	B	A	A	B	A	A
Terpineol	D	D	C	D	D	D	C	D	A	
Tertiary Butyl Alcohol	A	A	A	A	A	A	A	A	A	B
Tetrachlorobenzene	D	D	D	D	D	D	D	D	B	
Tetrachloroethane	D	D	D	D	D	D	D	D	A	
Tetrachloroethylene	D	D	D	D	D	D	D	D	A	D
Tetraethylene Glycol	A	A	A	A	A	A	A	A	A	

	Natural Rubber	SBR	Butyl	Nitrile Buna-N	Neoprene	Hypalon	EPDM	Epichlorohydrin	Viton	Silicone
Tetrachloromethane	D	D	D	C	D	D	D	D	A	
Tetrachloroethylene	D	D	D	D	D	D	D	D	B	
Tetraethyl Lead	D	D	D	B	C	D	D	C	A	
Tetrahydrofuran (THF)	D	D	D	D	D	D	D	D	D	D
Thionyl Chloride	D	D	D	D	D	D	D	D	B	
Tin Chloride	A	A	A	A	A	A	A	A	A	
Tin Tetrachloride	A	A	A	A	A	A	A	A	A	
Titanium Tetrachloride	D	D	D	B	C	C	C	C	A	D
Toluene (Toluol)	D	D	D	D	D	D	D	D	A	D
Toluene Diisocyanate (TDI)	C	C	A	C	D	D	A	C	B	D
Toxaphene	D	D	D	B	B	D	D	B	A	
Transformer Oils (Petroleum Base)	D	D	D	A	B	B	D	A	A	B
Transformer Oils (Chlorinated Phenyl Base Askerels)	D	D	D	D	D	D	D	D	A	
Transmission Fluids, A	D	D	D	B	C	D	D	A	A	B
Transmission Fluids, B	D	D	D	C	D	D	D	C	A	
Tricetin	A	B	A	B	B	C	A	B	D	
Tributyl Amine	B	B	A	B	B	C	A	B	D	
Tributyl Phosphate	D	D	B	D	D	D	B	D	D	D
Trichlorobenzene	D	D	D	D	D	D	D	D	B	
Trichloroethane	D	D	D	D	D	D	D	D	A	
Trichloroethylene	D	D	D	C	D	D	D	C	A	D
Trichloropropane	D	D	D	D	D	D	D	D	A	
Tricresyl Phosphate (TCP)	D	D	A	D	D	D	B	D	B	C
Triethanolamine (TEA)	B	B	A	B	A	A	B	B	D	
Triethylamine	B	B	B	B	A	A	B	B	B	
Triethylene Glycol	A	A	A	A	A	A	A	A	A	
Trinitrotoluene (TNT)	D	D	D	D	B	B	D	D	B	
Triphenyl Phosphate	D	D	A	D	C	C	B	D	C	
Trisodium Phosphate	A	A	A	A	A	A	A	A	A	
Tung Oil	D	D	C	A	B	B	D	A	A	D
Turbine Oil	D	D	D	B	B	B	D	A	A	D
Turpentine	D	D	D	B	B	D	D	A	A	D
2,4 D With 10% Fuel Oil	D	D	D	A	A	D	D	A	A	
Ucon Hydrolube Oils	D	D	A	A	B	D	A	A	A	
Undecanol	A	A	A	A	A	A	A	A	B	
Unsymmetrical Dimethylhydrazine (UDMH)	D	D	A	D	D	A	A	D	D	D
Uran	B	C	B	B	B	A	B	B	C	
Urea	A	C	A	C	A	C	A	C	C	
Varnish	D	D	D	B	B	C	D	B	A	D
Vegetable Oils	D	D	A	A	B	B	A	A	A	B
Versilube	C	C	A	A	C	A	A	A	A	C
Vinegar	A	C	A	C	A	A	B	C	B	A
Vinyl Acetate	D	D	A	D	D	C	C	D	D	
Vinyl Benzene	D	D	D	D	D	D	D	D	A	
Vinyl Chloride (Monomer)	C	D	D	D	D	D	D	D	A	

	Natural Rubber	SBR	Butyl	Nitrile Buna-N	Neoprene	Hypalon	EPDM	Epichlorohydrin	Viton	Silicone
Vinyl Ether	D	D	D	D	D	C	C	D	D	
Vinyl Toluene	D	D	D	D	D	D	D	D	A	
Vinyl Trichloride	D	D	D	D	D	D	D	D	A	
V.M.&P. Naptha	D	D	D	A	A	D	D	A	A	
Water, Fresh (Non F.D.A.)	A	A	A	A	A	A	A	A	A	A
Water, Salt	A	A	A	B	A	A	A	C	A	
White Liquor	A	A	B	A	A	A	C	A	A	
White Oil	D	D	D	A	B	D	D	A	A	D
Wood Alcohol (Methanol)	A	A	A	A	A	A	A	A	D	
Xylene (Xylol)	D	D	D	D	D	D	D	A	A	D
Xylidine	D	D	D	D	D	D	D	C	B	D
Zeolites	B	A	C	C	A	A	A	A	A	
Zinc Acetate	C	D	A	C	C	C	B	C	D	D
Zinc Carbonate	A	A	A	A	A	A	A	A	A	
Zinc Chloride	A	A	A	A	A	A	B	B	A	A
Zinc Chromate	A	C	A	A	A	C	A	A	A	
Zinc Sulfate	A	A	A	A	A	A	A	A	A	A