



RUBBER CHEMICAL CHART

Chemical	Silicone	EPDM	FKM (Viton®)	Neoprene	Nitrile	Hypalon	Natural Rubber
Acetaldehyde	Excellent	Excellent	Poor	Fair	Poor	Fair	Fair
Acetamide	Good	Excellent	Good	Good	Excellent	Good	Poor
Acetate Solvent	Fair	Excellent	Poor	Poor	Fair	Fair	Fair
Acetic Acid	Fair	Excellent	Good	Fair	Fair	Fair	Good
Acetic Acid 20%	Good	Excellent	Good	Excellent	Good	Excellent	Good
Acetic Acid 80%	Good	Excellent	Good	Fair	Fair	Fair	Fair
Acetic Acid, Glacial	Good	Good	Poor	Poor	Fair	Fair	Fair
Acetic Anhydride	Fair	Good	Poor	Excellent	Poor	Excellent	Fair
Acetone	Poor	Excellent	Poor	Fair	Poor	Fair	Fair
Acetyl Bromide	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Acetyl Chloride (dry)	Fair	Poor	Excellent	Poor	Poor	Poor	Poor
Acetylene	Good	Excellent	Excellent	Good	Good	Good	Good
Acrylonitrile	Poor	Poor	Poor	Fair	Poor	Fair	Good
Adipic Acid	N/A	Excellent	Excellent	Fair	Fair	N/A	Excellent
Alcohols: Amyl	Poor	Excellent	Excellent	Excellent	Good	Excellent	Good
Alcohols: Benzyl	N/A	Good	Excellent	Fair	Poor	Fair	Poor
Alcohols: Butyl	Good	Excellent	Excellent	Excellent	Fair	Excellent	Excellent
Alcohols: Diacetone	Poor	Excellent	Poor	Poor	Poor	Poor	Poor
Alcohols: Ethyl	Good	Excellent	Excellent	Excellent	Fair	Excellent	Excellent
Alcohols: Hexyl	Good	Fair	Fair	Excellent	Excellent	Good	Excellent
Alcohols: Isobutyl	Excellent	Excellent	Excellent	Excellent	Good	Excellent	Excellent
Alcohols: Isopropyl	Excellent	Excellent	Excellent	Good	Good	Excellent	Excellent



RUBBER CHEMICAL CHART

Chemical	Silicone	EPDM	FKM (Viton®)	Neoprene	Nitrile	Hypalon	Natural Rubber
Alcohols:Methyl	Excellent	Excellent	Fair	Excellent	Excellent	Excellent	Excellent
Alcohols:Octyl	Good	Excellent	Good	Good	Good	Good	Good
Alcohols:Propyl	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Aluminum Chloride	Good	Excellent	Excellent	Excellent	Excellent	Good	Excellent
Aluminum Chloride 20%	Good	Excellent	Excellent	Excellent	Excellent	Good	Excellent
Aluminum Fluoride	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Good
Aluminum Hydroxide	N/A	Excellent	Excellent	Excellent	Excellent	Excellent	Poor
Aluminum Nitrate	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Aluminum Potassium Sulfate 10%	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Aluminum Potassium Sulfate 100%	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Aluminum Sulfate	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Alums	Excellent	Excellent	Excellent	Good	Excellent	N/A	Excellent
Amines	Good	Good	Poor	Good	Poor	Poor	Good
Ammonia 10%	N/A	Excellent	Poor	Excellent	Excellent	Poor	Poor
Ammonia Nitrate	N/A	Excellent	Poor	Fair	Fair	Poor	N/A
Ammonia, anhydrous	Fair	Excellent	Poor	Excellent	Good	Poor	Poor
Ammonia, liquid	N/A	Excellent	Poor	Excellent	Fair	Poor	Poor
Ammonium Acetate	N/A	Excellent	Excellent	Excellent	Good	N/A	N/A
Ammonium Bifluoride	N/A	Excellent	Excellent	Poor	Good	N/A	N/A
Ammonium Carbonate	Fair	Excellent	Excellent	Excellent	Good	N/A	Excellent
Ammonium Caseinate	N/A	N/A	N/A	Excellent	N/A	N/A	N/A
Ammonium Chloride	Fair	Excellent	Excellent	Good	Good	Excellent	Excellent



RUBBER CHEMICAL CHART

Chemical	Silicone	EPDM	FKM (Viton®)	Neoprene	Nitrile	Hypalon	Natural Rubber
Ammonium Hydroxide	Excellent	Excellent	Good	Excellent	Poor	Excellent	Poor
Ammonium Nitrate	Fair	Excellent	Excellent	Good	Excellent	Excellent	Fair
Ammonium Oxalate	N/A	Excellent	N/A	Excellent	Poor	N/A	N/A
Ammonium Persulfate	Poor	Good	Excellent	Excellent	Excellent	Excellent	Excellent
Ammonium Phosphate, Dibasic	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Ammonium Phosphate, Monobasic	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Ammonium Phosphate, Tribasic	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Ammonium Sulfate	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Ammonium Sulfite	N/A	Excellent	Poor	Excellent	Excellent	Excellent	Excellent
Ammonium Thiosulfate	N/A	Excellent	N/A	Excellent	Excellent	N/A	N/A
Amyl Acetate	Poor	Excellent	Poor	Poor	Poor	Poor	Poor
Amyl Alcohol	Poor	Excellent	Excellent	Excellent	Good	Excellent	Good
Amyl Chloride	Poor	Poor	Good	Poor	Poor	Poor	Poor
Aniline	Good	Good	Excellent	Poor	Poor	Poor	Poor
Aniline Hydrochloride	Poor	Good	Excellent	Poor	Poor	N/A	Excellent
Antifreeze	Fair	Excellent	Excellent	Fair	Excellent	N/A	Excellent
Antimony Trichloride	N/A	Good	Excellent	N/A	Good	N/A	N/A
Aqua Regia (80% HCl, 20% HNO3)	Poor	Fair	Good	Poor	Poor	Fair	Poor
Arochlor 1248	Good	Good	Excellent	Poor	Fair	Poor	Poor
Aromatic Hydrocarbons	Poor	Poor	Excellent	Poor	Poor	Poor	Poor
Arsenic Acid	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Good
Arsenic Salts	N/A	N/A	Excellent	N/A	N/A	N/A	N/A



RUBBER CHEMICAL CHART

Chemical	Silicone	EPDM	FKM (Viton®)	Neoprene	Nitrile	Hypalon	Natural Rubber
Asphalt	Poor	Poor	Excellent	Poor	Good	Poor	Poor
Barium Carbonate	N/A	Excellent	Excellent	N/A	Excellent	N/A	N/A
Barium Chloride	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Barium Cyanide	N/A	Excellent	Excellent	Fair	Fair	Excellent	N/A
Barium Hydroxide	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Barium Nitrate	Good	Excellent	Excellent	Excellent	Excellent	N/A	N/A
Barium Sulfate	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Barium Sulfide	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Beer	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Beet Sugar Liquids	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Benzaldehyde	Poor	Excellent	Poor	Poor	Poor	Poor	Poor
Benzene	Poor	Poor	Excellent	Poor	Poor	Poor	Poor
Benzene Sulfonic Acid	Poor	Poor	Excellent	Excellent	Poor	N/A	Excellent
Benzoic Acid	Good	Poor	Excellent	Good	Poor	Poor	Poor
Benzol	Poor	Poor	Excellent	Poor	Poor	Poor	Poor
Benzonitrile	Excellent	N/A	N/A	N/A	N/A	N/A	N/A
Benzyl Chloride	Poor	Poor	Excellent	Poor	Poor	Poor	Poor
Bleaching Liquors	Good	Excellent	Excellent	Poor	Poor	Excellent	Poor
Borax (Sodium Borate)	Good	Excellent	Excellent	Excellent	Good	Excellent	Excellent
Boric Acid	Excellent	Excellent	Excellent	Poor	Excellent	Excellent	Excellent
Brewery Slop	N/A	N/A	Excellent	Excellent	Excellent	N/A	N/A
Bromine	Poor	Poor	Excellent	Poor	Poor	Poor	Poor



RUBBER CHEMICAL CHART

Chemical	Silicone	EPDM	FKM (Viton®)	Neoprene	Nitrile	Hypalon	Natural Rubber
Butadiene	Poor	Fair	Good	Good	Poor	Good	Poor
Butane	Poor	Poor	Excellent	Excellent	Excellent	Good	Poor
Butanol (Butyl Alcohol)	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Butter	Good	Excellent	Excellent	Good	Excellent	Good	Poor
Buttermilk	Excellent	Excellent	Excellent	Poor	Excellent	N/A	Poor
Butyl Amine	Good	N/A	Poor	Poor	N/A	N/A	Poor
Butyl Ether	Poor	Poor	Poor	Poor	Good	N/A	Poor
Butyl Phthalate	Excellent	Good	Fair	Poor	Poor	Poor	Poor
Butylacetate	Poor	Good	Poor	Poor	Poor	Poor	Poor
Butylene	Poor	Poor	Excellent	Poor	Excellent	Poor	Poor
Butyric Acid	Poor	Good	Good	Poor	Poor	Poor	Poor
Calcium Bisulfate	Fair	Excellent	N/A	Excellent	Excellent	N/A	Excellent
Calcium Bisulfide	Fair	Fair	Excellent	Excellent	Excellent	N/A	Poor
Calcium Bisulfite	Excellent	Poor	Excellent	Excellent	Excellent	Excellent	Poor
Calcium Carbonate	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Calcium Chlorate	N/A	Excellent	Excellent	N/A	Excellent	Good	Excellent
Calcium Chloride	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Calcium Hydroxide	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Calcium Hypochlorite	Good	Good	Excellent	Poor	Fair	Excellent	Poor
Calcium Nitrate	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Calcium Oxide	Excellent	Excellent	Good	Excellent	Excellent	Excellent	Good
Calcium Sulfate	N/A	Excellent	Excellent	Good	Excellent	Excellent	Good



RUBBER CHEMICAL CHART

Chemical	Silicone	EPDM	FKM (Viton®)	Neoprene	Nitrile	Hypalon	Natural Rubber
Calgon	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Cane Juice	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Carbolic Acid (Phenol)	Poor	Good	Excellent	Poor	Poor	Poor	Poor
Carbon Bisulfide	N/A	Poor	Excellent	Poor	Fair	Poor	Poor
Carbon Dioxide (dry)	Good	Good	Good	Good	Excellent	Good	Good
Carbon Dioxide (wet)	Good	Good	Good	Good	Excellent	Good	Good
Carbon Disulfide	N/A	Poor	Excellent	Poor	Poor	Poor	Poor
Carbon Monoxide	Excellent	Excellent	Excellent	Good	Excellent	Fair	Poor
Carbon Tetrachloride	Poor	Poor	Excellent	Poor	Poor	Poor	Poor
Carbon Tetrachloride (dry)	Poor	Good	Excellent	Poor	Fair	Poor	Poor
Carbon Tetrachloride (wet)	Poor	Poor	N/A	Poor	Poor	Poor	Poor
Carbonated Water	N/A	N/A	Excellent	Excellent	Excellent	N/A	N/A
Carbonic Acid	Excellent	Good	Excellent	Poor	Poor	Fair	Fair
Catsup	N/A	Excellent	Excellent	Excellent	Excellent	N/A	N/A
Chloric Acid	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chlorinated Glue	N/A	Good	Excellent	Poor	Good	N/A	N/A
Chlorine (dry)	Poor	Excellent	Excellent	Fair	Good	Poor	Poor
Chlorine Water	Poor	Fair	Excellent	Poor	Poor	Fair	Fair
Chlorine, Anhydrous Liquid	Poor	Good	Excellent	Poor	Poor	Fair	Fair
Chloroacetic Acid	Poor	Good	Poor	Poor	Poor	N/A	Poor
Chlorobenzene (Mono)	Poor	Poor	Excellent	Poor	Poor	Poor	Poor
Chlorobromomethane	Poor	Good	Excellent	Poor	Poor	Poor	Poor



RUBBER CHEMICAL CHART

Chemical	Silicone	EPDM	FKM (Viton®)	Neoprene	Nitrile	Hypalon	Natural Rubber
Chloroform	Poor	Poor	Excellent	Poor	Poor	Poor	Poor
Chlorosulfonic Acid	Poor	Poor	Poor	Poor	Poor	Poor	Poor
Chocolate Syrup	N/A	Excellent	Excellent	Excellent	Excellent	N/A	Poor
Chromic Acid 10%	Fair	Fair	Good	Poor	Poor	Fair	Poor
Chromic Acid 30%	Fair	Good	Excellent	Poor	Poor	Fair	Poor
Chromic Acid 5%	Fair	Excellent	Excellent	Poor	Poor	Good	Good
Chromic Acid 50%	Fair	Good	Excellent	Poor	Poor	Fair	Poor
Chromium Salts	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cider	Good	Excellent	Excellent	Excellent	Excellent	N/A	N/A
Citric Acid	Excellent	Excellent	Excellent	Excellent	Excellent	Fair	Excellent
Citric Oils	N/A	Good	Excellent	Poor	Excellent	N/A	N/A
Clorox® (Bleach)	N/A	Good	Excellent	Good	Poor	Good	Poor
Coffee	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Copper Chloride	Excellent	Excellent	Excellent	Excellent	Excellent	Fair	Fair
Copper Cyanide	Excellent	Excellent	Excellent	Excellent	Excellent	Fair	Excellent
Copper Fluoborate	N/A	N/A	Excellent	Excellent	Good	N/A	N/A
Copper Nitrate	N/A	N/A	Excellent	Excellent	Excellent	N/A	Fair
Copper Sulfate >5%	Excellent	Excellent	Excellent	Excellent	Excellent	Fair	Fair
Copper Sulfate 5%	Excellent	Excellent	Excellent	Excellent	Excellent	Fair	Fair
Cream	N/A	N/A	Excellent	Poor	Excellent	N/A	N/A
Cresols	Poor	Poor	Excellent	Poor	Poor	Poor	Poor
Cresylic Acid	Poor	Poor	Excellent	Poor	Poor	Poor	Poor



RUBBER CHEMICAL CHART

Chemical	Silicone	EPDM	FKM (Viton®)	Neoprene	Nitrile	Hypalon	Natural Rubber
Cupric Acid	Excellent	Excellent	Excellent	Excellent	Good	N/A	Good
Cyanic Acid	Excellent	N/A	Excellent	Fair	Fair	N/A	N/A
Cyclohexane	Poor	Poor	Excellent	Poor	Good	Poor	Poor
Cyclohexanone	Poor	Good	Poor	Poor	Poor	N/A	Poor
Detergents	Excellent	Excellent	Excellent	Good	Excellent	Good	Good
Diacetone Alcohol	Poor	Excellent	Poor	Poor	Poor	Excellent	N/A
Dichlorobenzene	Poor	Poor	Fair	Poor	Poor	Poor	Poor
Dichloroethane	N/A	N/A	Fair	Poor	Poor	Fair	Poor
Diesel Fuel	Poor	Poor	Excellent	Good	Excellent	Good	Poor
Diethyl Ether	Poor	Poor	Poor	Poor	Poor	Poor	Poor
Diethylamine	Good	Good	Excellent	Excellent	Fair	Fair	Excellent
Diethylene Glycol	Good	Excellent	Excellent	Excellent	Excellent	Fair	Excellent
Dimethyl Aniline	Poor	Good	Poor	Poor	Poor	N/A	Poor
Dimethyl Formamide	Fair	Good	Fair	Poor	Poor	Poor	Fair
Diphenyl	Poor	Poor	Excellent	Good	Poor	Good	Poor
Diphenyl Oxide	Fair	Poor	Excellent	Poor	Excellent	Poor	Poor
Dyes	N/A	N/A	Excellent	Fair	N/A	N/A	N/A
Epsom Salts (Magnesium Sulfate)	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Good
Ethane	Poor	Poor	Excellent	Good	Excellent	Good	Poor
Ethanol	Good	Excellent	Excellent	Excellent	Fair	Excellent	Excellent
Ethanolamine	Good	Good	Poor	Good	Good	Fair	Good
Ether	Poor	Fair	Fair	Poor	Poor	Poor	Poor



RUBBER CHEMICAL CHART

Chemical	Silicone	EPDM	FKM (Viton®)	Neoprene	Nitrile	Hypalon	Natural Rubber
Ethyl Acetate	Good	Good	Poor	Poor	Poor	Poor	Fair
Ethyl Benzoate	Poor	N/A	Excellent	Poor	Poor	N/A	Poor
Ethyl Chloride	Poor	Excellent	Excellent	Fair	Excellent	Poor	Good
Ethyl Ether	Poor	Poor	Poor	Poor	Poor	Poor	Poor
Ethyl Sulfate	N/A	N/A	Excellent	N/A	Excellent	N/A	N/A
Ethylene Bromide	Poor	Fair	Excellent	Fair	Poor	Fair	Fair
Ethylene Chloride	Poor	Poor	Good	Poor	Poor	Poor	Poor
Ethylene Chlorohydrin	Fair	Good	Excellent	Excellent	Poor	Fair	Fair
Ethylene Diamine	Excellent	Excellent	Good	Good	Excellent	Good	Good
Ethylene Dichloride	Poor	Fair	Excellent	Poor	Poor	Poor	Poor
Ethylene Glycol	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Ethylene Oxide	Poor	Fair	Poor	Poor	Poor	Poor	Poor
Fatty Acids	Fair	Poor	Excellent	Fair	Good	Good	Fair
Ferric Chloride	Good	Excellent	Excellent	Good	Excellent	Good	Excellent
Ferric Nitrate	Fair	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Ferric Sulfate	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Ferrous Chloride	N/A	N/A	Excellent	Excellent	Excellent	Excellent	Excellent
Ferrous Sulfate	N/A	Excellent	Good	N/A	Excellent	Good	Good
Fluoboric Acid	N/A	Excellent	Good	Excellent	Excellent	Excellent	Excellent
Fluorine	Poor	Excellent	Fair	N/A	Poor	N/A	Fair
Fluosilicic Acid	N/A	Excellent	Good	Excellent	Excellent	Excellent	Excellent
Formaldehyde 100%	Good	Excellent	Poor	Fair	Fair	Fair	Fair



RUBBER CHEMICAL CHART

Chemical	Silicone	EPDM	FKM (Viton®)	Neoprene	Nitrile	Hypalon	Natural Rubber
Formaldehyde 40%	N/A	Excellent	Excellent	Good	Good	Good	Good
Formic Acid	Good	Excellent	Fair	Excellent	Fair	Excellent	Fair
Freon 113	Poor	Poor	Good	Fair	Excellent	Excellent	Poor
Freon 12	Poor	Good	Good	Excellent	Excellent	Excellent	Fair
Freon 22	Poor	Excellent	Poor	Excellent	Poor	Good	Poor
Freon TF	Poor	Poor	Good	Excellent	Excellent	Excellent	Poor
Freon® 11	Poor	Poor	Good	Poor	Good	Good	Poor
Fruit Juice	N/A	N/A	Excellent	Excellent	Excellent	Good	Poor
Fuel Oils	Poor	Poor	Excellent	Good	Excellent	Fair	Poor
Furan Resin	Poor	Fair	Poor	Poor	Poor	Poor	Poor
Furfural	Poor	Poor	Poor	Poor	Poor	Good	Poor
Gallic Acid	Poor	Good	Excellent	Good	Good	Poor	Excellent
Gasoline (high-aromatic)	Poor	Poor	Excellent	Excellent	Excellent	Good	Poor
Gasoline, leaded, ref.	Poor	Poor	Excellent	Good	Excellent	Good	Poor
Gasoline, unleaded	Poor	Poor	Excellent	Good	Excellent	Excellent	Poor
Gelatin	Excellent	Excellent	Excellent	Excellent	Excellent	Good	Excellent
Glucose	Excellent	Excellent	Excellent	Excellent	Excellent	Good	Excellent
Glue, P.V.A.	Excellent	Excellent	Good	Excellent	Excellent	Excellent	Excellent
Glycerin	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Glycolic Acid	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Poor
Gold Monocyanide	N/A	N/A	Excellent	Excellent	Excellent	N/A	N/A
Grape Juice	Excellent	Excellent	Excellent	Poor	Excellent	N/A	Poor



RUBBER CHEMICAL CHART

Chemical	Silicone	EPDM	FKM (Viton®)	Neoprene	Nitrile	Hypalon	Natural Rubber
Grease	Poor	Poor	Excellent	Poor	Excellent	N/A	Poor
Heptane	Poor	Poor	Excellent	Good	Excellent	Good	Poor
Hexane	Poor	Poor	Excellent	Good	Excellent	Good	Poor
Honey	Excellent	Excellent	Excellent	N/A	Excellent	N/A	Excellent
Hydraulic Oil (Petro)	Good	Poor	Excellent	Excellent	Excellent	Excellent	Poor
Hydraulic Oil (Synthetic)	Good	Excellent	Excellent	Excellent	Poor	Excellent	Poor
Hydrazine	Good	Excellent	Excellent	Good	Good	Good	Fair
Hydrobromic Acid 100%	Poor	Excellent	Excellent	Poor	Poor	Excellent	Excellent
Hydrobromic Acid 20%	Poor	Excellent	Excellent	Poor	Poor	Excellent	Excellent
Hydrochloric Acid 100%	Poor	Poor	Excellent	Poor	Poor	Poor	Poor
Hydrochloric Acid 20%	Poor	Excellent	Excellent	Fair	N/A	Excellent	Excellent
Hydrochloric Acid 37%	Good	Fair	Excellent	Good	Good	Good	Excellent
Hydrochloric Acid, Dry Gas	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrocyanic Acid	Fair	Good	Excellent	Good	Good	Excellent	Good
Hydrocyanic Acid (Gas 10%)	Poor	Excellent	Excellent	Excellent	Good	N/A	Good
Hydrofluoric Acid 100%	Poor	Poor	Good	Poor	Poor	Good	Poor
Hydrofluoric Acid 20%	Poor	Poor	Excellent	Good	Poor	Good	Good
Hydrofluoric Acid 50%	Poor	Poor	Good	Poor	Poor	Good	Good
Hydrofluoric Acid 75%	Poor	Fair	Good	Poor	Poor	Good	Poor
Hydrofluosilicic Acid 100%	Poor	Excellent	Excellent	Good	Good	Good	Excellent
Hydrofluosilicic Acid 20%	Poor	Excellent	Excellent	Good	Excellent	Good	Excellent
Hydrogen Gas	Fair	Excellent	Excellent	Excellent	Excellent	Excellent	Good



RUBBER CHEMICAL CHART

Chemical	Silicone	EPDM	FKM (Viton®)	Neoprene	Nitrile	Hypalon	Natural Rubber
Hydrogen Peroxide 10%	Excellent	Excellent	Excellent	Poor	Poor	Poor	Good
Hydrogen Peroxide 100%	Good	Poor	Excellent	Poor	Poor	Poor	Fair
Hydrogen Peroxide 30%	Good	Good	Excellent	Poor	Poor	Poor	Fair
Hydrogen Peroxide 50%	Good	Good	Excellent	Poor	Poor	Poor	Fair
Hydrogen Sulfide (aqua)	Fair	Good	Poor	Excellent	Poor	Poor	Fair
Hydrogen Sulfide (dry)	Fair	Good	Poor	Excellent	Poor	Good	Fair
Hydroquinone	N/A	Poor	Good	Excellent	Poor	Poor	Excellent
Hydroxyacetic Acid 70%	N/A	Excellent	Excellent	Excellent	Excellent	N/A	N/A
Ink	N/A	N/A	Excellent	Excellent	Excellent	N/A	Poor
Iodine	N/A	Good	Excellent	Poor	Good	Poor	Poor
Iodine (in alcohol)	N/A	Excellent	N/A	N/A	N/A	N/A	N/A
Iodoform	N/A	Excellent	N/A	Excellent	Poor	N/A	Good
Isooctane	Poor	Poor	Excellent	Good	Excellent	N/A	Excellent
Isopropyl Acetate	Poor	Good	Poor	Poor	Poor	Poor	Poor
Isopropyl Ether	Poor	Poor	Poor	Poor	Good	Fair	Excellent
Isotane	N/A	N/A	Excellent	Poor	Excellent	N/A	N/A
Jet Fuel (JP3, JP4, JP5)	Poor	Poor	Excellent	Poor	Excellent	Poor	Poor
Kerosene	Poor	Poor	Excellent	Excellent	Excellent	Poor	Poor
Ketones	N/A	Excellent	Poor	Poor	Poor	N/A	Excellent
Lacquer Thinners	Poor	Poor	Poor	Poor	Poor	Poor	Poor
Lacquers	Poor	Poor	Poor	Poor	Poor	Poor	Poor
Lactic Acid	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent



RUBBER CHEMICAL CHART

Chemical	Silicone	EPDM	FKM (Viton®)	Neoprene	Nitrile	Hypalon	Natural Rubber
Lard	Good	Poor	Excellent	Poor	Excellent	Good	Poor
Latex	Excellent	Excellent	Excellent	N/A	Excellent	N/A	N/A
Lead Acetate	Excellent	Excellent	Poor	Excellent	Good	Poor	Excellent
Lead Nitrate	Good	Excellent	Excellent	Excellent	Excellent	N/A	Excellent
Lead Sulfamate	Good	Excellent	Excellent	Excellent	Good	Excellent	Good
Ligroin	Poor	Poor	Excellent	Good	Excellent	Fair	Poor
Lime	N/A	Poor	Excellent	Excellent	Excellent	N/A	N/A
Linoleic Acid	Good	Poor	Good	N/A	Good	Poor	Poor
Lithium Chloride	Excellent	Excellent	Excellent	Excellent	Excellent	N/A	Good
Lithium Hydroxide	N/A	N/A	N/A	N/A	Fair	N/A	N/A
Lubricants	Poor	Poor	Excellent	Poor	Excellent	Excellent	Poor
Lye: Ca(OH) ₂ Calcium Hydroxide	Excellent	Excellent	Good	Excellent	Excellent	Excellent	Good
Lye: KOH Potassium Hydroxide	Fair	Excellent	Good	Good	Good	Excellent	Good
Lye: NaOH Sodium Hydroxide	Excellent	Good	Good	Good	Excellent	Excellent	Excellent
Magnesium Bisulfate	N/A	N/A	N/A	Good	Good	N/A	Good
Magnesium Carbonate	N/A	Excellent	Excellent	Excellent	Excellent	Excellent	N/A
Magnesium Chloride	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Magnesium Hydroxide	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Magnesium Nitrate	N/A	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Magnesium Oxide	N/A	N/A	Fair	Excellent	Excellent	N/A	N/A
Magnesium Sulfate (Epsom Salts)	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Good
Maleic Acid	N/A	Poor	Excellent	Poor	Poor	Poor	Good



RUBBER CHEMICAL CHART

Chemical	Silicone	EPDM	FKM (Viton®)	Neoprene	Nitrile	Hypalon	Natural Rubber
Maleic Anhydride	N/A	Poor	Excellent	Poor	Poor	Poor	Poor
Malic Acid	Good	Poor	Excellent	Poor	Excellent	Poor	Good
Manganese Sulfate	Excellent	Excellent	Excellent	Excellent	Excellent	N/A	Excellent
Mash	N/A	Excellent	Excellent	Excellent	Excellent	N/A	N/A
Mayonnaise	N/A	N/A	Excellent	Excellent	Fair	N/A	Poor
Melamine	Fair	Excellent	Excellent	Poor	Fair	N/A	N/A
Mercuric Chloride (dilute)	N/A	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Mercuric Cyanide	Excellent	Excellent	Excellent	Excellent	Excellent	N/A	N/A
Mercurous Nitrate	N/A	Excellent	Excellent	Good	Good	N/A	Good
Mercury	N/A	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Methane	Poor	Poor	Excellent	Good	Excellent	Good	Poor
Methanol (Methyl Alcohol)	Excellent	Excellent	Fair	Excellent	Excellent	Excellent	Excellent
Methyl Acetate	Poor	Good	Poor	Good	Poor	Poor	Poor
Methyl Acetone	N/A	Excellent	Poor	Poor	Poor	N/A	Excellent
Methyl Acrylate	Poor	Good	Poor	Good	Poor	Poor	Poor
Methyl Alcohol 10%	Excellent	Excellent	Fair	Excellent	Excellent	Excellent	Excellent
Methyl Bromide	N/A	Poor	Excellent	Poor	Good	Poor	Poor
Methyl Butyl Ketone	Poor	Excellent	Poor	Poor	Poor	Poor	Poor
Methyl Cellosolve	Poor	Good	Poor	Good	Excellent	Poor	Poor
Methyl Chloride	Poor	Poor	Excellent	Poor	Poor	Poor	Poor
Methyl Dichloride	N/A	Poor	Excellent	N/A	Poor	N/A	N/A
Methyl Ethyl Ketone	Poor	Excellent	Poor	Poor	Poor	Poor	Poor



RUBBER CHEMICAL CHART

Chemical	Silicone	EPDM	FKM (Viton®)	Neoprene	Nitrile	Hypalon	Natural Rubber
Methyl Ethyl Ketone Peroxide	Good	Poor	Poor	Poor	Poor	Poor	Poor
Methyl Isobutyl Ketone	Poor	Good	Poor	Poor	Poor	Poor	Poor
Methyl Isopropyl Ketone	Fair	Fair	Poor	Poor	Poor	Poor	Poor
Methyl Methacrylate	Fair	Poor	Poor	Poor	Poor	Poor	Poor
Methylamine	N/A	Excellent	Poor	N/A	Good	N/A	Good
Methylene Chloride	N/A	Fair	Good	N/A	Poor	N/A	Good
Milk	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Mineral Spirits	Poor	Poor	Excellent	Fair	Excellent	Fair	Poor
Molasses	N/A	Excellent	Excellent	Excellent	Excellent	N/A	Excellent
Monochloroacetic acid	N/A	Fair	Fair	Excellent	Poor	Excellent	N/A
Monoethanolamine	Good	Good	Poor	Poor	Good	Poor	Good
Morpholine	N/A	Poor	N/A	Poor	Poor	N/A	Excellent
Motor oil	N/A	Poor	N/A	Good	Excellent	N/A	N/A
Mustard	N/A	Excellent	Poor	Excellent	Good	N/A	Good
Naphtha	Poor	Poor	Excellent	Poor	Excellent	Poor	Poor
Naphthalene	Poor	Poor	Excellent	Poor	Poor	Poor	Poor
Natural Gas	Excellent	Poor	Excellent	Excellent	Excellent	N/A	N/A
Nickel Chloride	Excellent	Excellent	Excellent	Good	Excellent	Excellent	Excellent
Nickel Nitrate	N/A	Excellent	Excellent	Excellent	Excellent	Poor	Excellent
Nickel Sulfate	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Good
Nitrating Acid (<15% HNO3)	N/A	N/A	N/A	Excellent	N/A	N/A	Fair
Nitrating Acid (>15% H2SO4)	N/A	Excellent	N/A	Excellent	Poor	N/A	Fair



RUBBER CHEMICAL CHART

Chemical	Silicone	EPDM	FKM (Viton®)	Neoprene	Nitrile	Hypalon	Natural Rubber
Nitrating Acid (5% Acid)	N/A	N/A	N/A	Excellent	N/A	N/A	Fair
Nitrating Acid (5-15% H ₂ SO ₄)	N/A	N/A	N/A	Excellent	N/A	N/A	Fair
Nitric Acid (20%)	Poor	Excellent	Excellent	Poor	Poor	Poor	Poor
Nitric Acid (50%)	Poor	Poor	Excellent	Poor	Poor	Poor	Poor
Nitric Acid (5-10%)	Fair	Excellent	Excellent	Good	Poor	Good	Poor
Nitric Acid (Concentrated)	Poor	Poor	Excellent	Poor	Poor	Poor	Poor
Nitrobenzene	Poor	Good	Good	Poor	Poor	Poor	Poor
Nitrogen Fertilizer	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nitromethane	Poor	Good	Poor	Poor	Poor	N/A	Good
Nitrous Acid	N/A	Excellent	Good	Poor	N/A	N/A	Fair
Nitrous Oxide	N/A	Excellent	Good	Excellent	N/A	N/A	Excellent
Oils:Aniline	Poor	Good	Fair	Poor	Poor	Poor	Poor
Oils:Anise	N/A	N/A	N/A	Poor	N/A	N/A	N/A
Oils:Bay	N/A	N/A	Excellent	Poor	N/A	N/A	N/A
Oils:Bone	N/A	N/A	Excellent	Poor	Excellent	N/A	N/A
Oils:Castor	Excellent	Good	Excellent	Excellent	Good	Excellent	Excellent
Oils:Cinnamon	N/A	N/A	Excellent	Fair	N/A	N/A	N/A
Oils:Citric	N/A	Good	Excellent	Poor	Poor	N/A	N/A
Oils:Clove	N/A	N/A	Excellent	Fair	Excellent	N/A	N/A
Oils:Coconut	Excellent	Poor	Excellent	Fair	Excellent	Fair	Poor
Oils:Cod Liver	Good	Excellent	Excellent	Good	Excellent	Good	Poor
Oils:Corn	Excellent	Fair	Good	Excellent	Poor	Good	Poor



RUBBER CHEMICAL CHART

Chemical	Silicone	EPDM	FKM (Viton®)	Neoprene	Nitrile	Hypalon	Natural Rubber
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Oils:Cottonseed	Excellent	Poor	Excellent	Fair	Excellent	Good	Poor
Oils:Creosote	Poor	Poor	Excellent	Fair	Poor	Poor	Poor
Oils:Diesel Fuel (20, 30, 40, 50)	Poor	Poor	Excellent	Good	Excellent	Good	Poor
Oils:Fuel (1, 2, 3, 5A, 5B, 6)	Fair	Poor	Good	Poor	Good	Poor	Poor
Oils:Ginger	N/A	Excellent	Excellent	Excellent	Excellent	N/A	N/A
Oils:Hydraulic Oil (Petro)	Good	Poor	Excellent	Excellent	Excellent	Excellent	Poor
Oils:Hydraulic Oil (Synthetic)	Good	Excellent	Excellent	Excellent	Poor	Excellent	Poor
Oils:Lemon	N/A	Poor	Excellent	Poor	N/A	N/A	N/A
Oils:Linseed	Excellent	Poor	Excellent	Poor	Excellent	Fair	Poor
Oils:Mineral	Fair	Poor	Excellent	Good	Excellent	Good	Poor
Oils:Olive	Poor	Poor	Excellent	Good	Poor	Good	Poor
Oils:Orange	Poor	N/A	Excellent	Fair	Excellent	N/A	N/A
Oils:Palm	N/A	Excellent	Excellent	Poor	Excellent	N/A	N/A
Oils:Peanut	Excellent	Poor	Excellent	Good	Excellent	Good	Poor
Oils:Peppermint	N/A	N/A	Excellent	Poor	Poor	N/A	N/A
Oils:Pine	Poor	Poor	Excellent	Poor	Poor	Poor	Poor
Oils:Rapeseed	Poor	Excellent	Excellent	Good	Poor	Poor	Poor
Oils:Rosin	N/A	N/A	Excellent	N/A	Excellent	N/A	N/A
Oils:Sesame Seed	N/A	N/A	Excellent	Poor	Excellent	N/A	N/A
Oils:Silicone	Fair	Excellent	Excellent	Poor	Excellent	Excellent	Poor
Oils:Soybean	Excellent	Fair	Excellent	Fair	Excellent	Fair	Poor
Oils:Sperm (whale)	N/A	N/A	Excellent	Poor	Excellent	N/A	N/A



RUBBER CHEMICAL CHART

Chemical	Silicone	EPDM	FKM (Viton®)	Neoprene	Nitrile	Hypalon	Natural Rubber
Oils:Tanning	N/A	N/A	Excellent	Poor	Excellent	N/A	N/A
Oils:Transformer	Good	Poor	Excellent	Good	Excellent	N/A	Poor
Oils:Turbine	Poor	Excellent	Excellent	Poor	Good	Poor	Poor
Oleic Acid	Poor	Good	Good	Fair	Good	Fair	Poor
Oleum 100%	Poor	Poor	Excellent	Poor	Poor	Poor	Poor
Oleum 25%	Poor	Poor	Excellent	Poor	Poor	Poor	Poor
Oxalic Acid (cold)	Good	Excellent	Excellent	Poor	Poor	Good	Good
Ozone	Excellent	Excellent	Excellent	Fair	Poor	Excellent	Poor
Palmitic Acid	Poor	Good	Excellent	Poor	Excellent	Poor	Good
Paraffin	N/A	Poor	Good	Good	Good	N/A	Good
Pentane	Poor	Poor	Excellent	Good	Excellent	Good	Poor
Perchloric Acid	Poor	Good	Excellent	Excellent	Poor	N/A	N/A
Perchloroethylene	Poor	Poor	Excellent	Poor	Fair	Poor	Poor
Petrolatum	Poor	Excellent	Excellent	Excellent	Excellent	N/A	Fair
Petroleum	Poor	Poor	Excellent	Good	Excellent	Poor	Poor
Phenol (10%)	Poor	Good	Excellent	Poor	Poor	Poor	Excellent
Phenol (Carbolic Acid)	Poor	Good	Excellent	Poor	Poor	Poor	Poor
Phosphoric Acid (>40%)	Poor	Good	Excellent	Good	Poor	Good	Good
Phosphoric Acid (crude)	Poor	Good	Excellent	Poor	Poor	Good	Poor
Phosphoric Acid (molten)	N/A	N/A	N/A	Excellent	N/A	N/A	N/A
Phosphoric Acid (S40%)	Fair	Good	Excellent	Good	Poor	Good	Good
Phosphoric Acid Anhydride	N/A	N/A	N/A	Excellent	Poor	N/A	N/A



RUBBER CHEMICAL CHART

Chemical	Silicone	EPDM	FKM (Viton®)	Neoprene	Nitrile	Hypalon	Natural Rubber
Phosphorus	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Phosphorus Trichloride	N/A	Excellent	Excellent	Poor	Poor	Poor	Poor
Photographic Developer	Good	Good	Excellent	Excellent	Excellent	Excellent	Excellent
Photographic Solutions	Excellent	Excellent	Good	Good	Good	Excellent	Good
Phthalic Acid	Good	Excellent	Excellent	Excellent	Poor	Excellent	N/A
Phthalic Anhydride	N/A	Excellent	Excellent	Excellent	Poor	N/A	Excellent
Picric Acid	Poor	Good	Excellent	Excellent	Fair	Good	Poor
Plating Solutions, Antimony Plating 130°F	N/A	N/A	Excellent	Excellent	Excellent	N/A	N/A
Plating Solutions, Arsenic Plating 110°F	N/A	N/A	Excellent	Excellent	Excellent	N/A	N/A
Plating Solutions, Brass Plating: High-Speed Brass Bath 110°F	N/A	N/A	Excellent	Excellent	Excellent	N/A	N/A
Plating Solutions, Brass Plating: Regular Brass Bath 100°F	N/A	N/A	Excellent	Excellent	Excellent	N/A	N/A
Plating Solutions, Bronze Plating: Cu-Cd Bronze Bath R.T.	N/A	Excellent	Excellent	Excellent	Excellent	N/A	N/A
Plating Solutions, Bronze Plating: Cu-Sn Bronze Bath 160°F	N/A	Excellent	Excellent	Excellent	Excellent	N/A	N/A
Plating Solutions, Bronze Plating: Cu-Zn Bronze Bath 100°F	N/A	N/A	Excellent	Excellent	Excellent	N/A	N/A



RUBBER CHEMICAL CHART

Chemical	Silicone	EPDM	FKM (Viton®)	Neoprene	Nitrile	Hypalon	Natural Rubber
Plating Solutions, Cadmium Plating: Cyanide Bath 90°F	N/A	N/A	Excellent	Excellent	Excellent	N/A	N/A
Plating Solutions, Cadmium Plating: Fluoborate Bath 100°F	N/A	N/A	Excellent	Fair	Good	N/A	N/A
Plating Solutions, Chromium Plating: Barrel Chrome Bath 95°F	N/A	N/A	Fair	Poor	Poor	N/A	N/A
Plating Solutions, Chromium Plating: Black Chrome Bath 115°F	N/A	N/A	Fair	Poor	Fair	N/A	N/A
Plating Solutions, Chromium Plating: Chromic-Sulfuric Bath 130°F	N/A	N/A	Fair	Poor	Poor	N/A	N/A
Plating Solutions, Chromium Plating: Fluoride Bath 130°F	N/A	N/A	Fair	Poor	Poor	N/A	N/A
Plating Solutions, Chromium Plating: Fluosilicate Bath 95°F	N/A	N/A	Fair	Poor	Poor	N/A	N/A
Plating Solutions, Copper Plating (Acid): Copper Fluoborate Bath 120°F	N/A	N/A	Excellent	Fair	Good	N/A	N/A
Plating Solutions, Copper Plating (Acid): Copper Sulfate Bath R.T.	N/A	N/A	Excellent	Excellent	Excellent	N/A	N/A
Plating Solutions, Copper Plating (Cyanide): Copper Strike Bath 120°F	N/A	N/A	Excellent	Excellent	Excellent	N/A	N/A



RUBBER CHEMICAL CHART

Chemical	Silicone	EPDM	FKM (Viton®)	Neoprene	Nitrile	Hypalon	Natural Rubber
Plating Solutions, Copper Plating (Cyanide): High-Speed Bath 180°F	N/A	N/A	Excellent	Good	Excellent	N/A	N/A
Plating Solutions, Copper Plating (Cyanide): Rochelle Salt Bath 150°F	N/A	N/A	Excellent	Good	Excellent	N/A	N/A
Plating Solutions, Copper Plating (Misc): Copper (Electroless)	N/A	N/A	Excellent	Poor	Poor	N/A	N/A
Plating Solutions, Copper Plating (Misc): Copper Pyrophosphate	N/A	N/A	Excellent	Excellent	Excellent	N/A	N/A
Plating Solutions, Gold Plating: Acid 75°F	N/A	N/A	Excellent	Excellent	Excellent	N/A	N/A
Plating Solutions, Gold Plating: Cyanide 150°F	N/A	N/A	Excellent	Excellent	Excellent	N/A	N/A
Plating Solutions, Gold Plating: Neutral 75°F	N/A	N/A	Excellent	Excellent	Excellent	N/A	N/A
Plating Solutions, Indium Sulfamate Plating R.T.	N/A	N/A	Excellent	Excellent	Excellent	N/A	N/A
Plating Solutions, Iron Plating: Ferrous Am Sulfate Bath 150°F	N/A	N/A	Excellent	Good	Excellent	N/A	N/A
Plating Solutions, Iron Plating: Ferrous Chloride Bath 190°F	N/A	N/A	Excellent	Poor	Good	N/A	N/A
Plating Solutions, Iron Plating: Ferrous Sulfate Bath 150°F	N/A	N/A	Excellent	Good	Excellent	N/A	N/A



RUBBER CHEMICAL CHART

Chemical	Silicone	EPDM	FKM (Viton®)	Neoprene	Nitrile	Hypalon	Natural Rubber
Plating Solutions, Iron Plating: Fluoborate Bath 145°F	N/A	N/A	Excellent	Fair	Good	N/A	N/A
Plating Solutions, Iron Plating: Sulfamate 140°F	N/A	N/A	Excellent	Excellent	Excellent	N/A	N/A
Plating Solutions, Iron Plating: Sulfate- Chloride Bath 160°F	N/A	N/A	Excellent	Fair	Good	N/A	N/A
Plating Solutions, Lead Fluoborate Plating	N/A	N/A	Excellent	Excellent	Good	N/A	N/A
Plating Solutions, Nickel Plating: Electroless 200°F	N/A	N/A	Excellent	Poor	Poor	N/A	N/A
Plating Solutions, Nickel Plating: Fluoborate 100-170°F	N/A	N/A	Excellent	Excellent	Good	N/A	N/A
Plating Solutions, Nickel Plating: High-Chloride 130-160°F	N/A	N/A	Excellent	Good	Excellent	N/A	N/A
Plating Solutions, Nickel Plating: Sulfamate 100-140°F	N/A	N/A	Excellent	Excellent	Excellent	N/A	N/A
Plating Solutions, Nickel Plating: Watts Type 115-160°F	N/A	N/A	Excellent	Excellent	Excellent	N/A	N/A
Plating Solutions, Rhodium Plating 120°F	N/A	Excellent	Excellent	Good	Excellent	N/A	N/A
Plating Solutions, Silver Plating 80- 120°F	N/A	Excellent	Excellent	Excellent	Excellent	N/A	N/A



RUBBER CHEMICAL CHART

Chemical	Silicone	EPDM	FKM (Viton®)	Neoprene	Nitrile	Hypalon	Natural Rubber
Plating Solutions, Tin-Fluoborate Plating 100°F	N/A	N/A	Excellent	Fair	Good	N/A	N/A
Plating Solutions, Tin-Lead Plating 100°F	N/A	N/A	Excellent	Fair	Good	N/A	N/A
Plating Solutions, Zinc Plating: Acid Chloride 140°F	N/A	N/A	Excellent	Excellent	Excellent	N/A	N/A
Plating Solutions, Zinc Plating: Acid Fluoborate Bath R.T.	N/A	N/A	Excellent	Fair	Good	N/A	N/A
Plating Solutions, Zinc Plating: Acid Sulfate Bath 150°F	N/A	N/A	Excellent	Good	Excellent	N/A	N/A
Plating Solutions, Zinc Plating: Alkaline Cyanide Bath R.T.	N/A	N/A	Excellent	Excellent	Excellent	N/A	N/A
Potash (Potassium Carbonate)	N/A	Excellent	Excellent	Excellent	Excellent	N/A	Excellent
Potassium Bicarbonate	Excellent	Excellent	Excellent	Excellent	Excellent	N/A	Excellent
Potassium Bromide	Excellent	Excellent	Excellent	Excellent	Excellent	N/A	Excellent
Potassium Chlorate	Good	Excellent	Excellent	Excellent	Excellent	N/A	N/A
Potassium Chloride	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Potassium Chromate	N/A	Excellent	Excellent	Excellent	Excellent	N/A	Good
Potassium Cyanide Solutions	Excellent	Excellent	Excellent	Good	Excellent	Excellent	Excellent
Potassium Dichromate	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Good
Potassium Ferricyanide	N/A	Excellent	Excellent	Excellent	Poor	Excellent	Good
Potassium Ferrocyanide	N/A	Excellent	Excellent	Excellent	Poor	N/A	Excellent



RUBBER CHEMICAL CHART

Chemical	Silicone	EPDM	FKM (Viton®)	Neoprene	Nitrile	Hypalon	Natural Rubber
Potassium Hydroxide (Caustic Potash)	Fair	Excellent	Good	Good	Good	Excellent	Good
Potassium Hypochlorite	N/A	Excellent	N/A	Good	Excellent	Excellent	Fair
Potassium Iodide	N/A	Excellent	Excellent	Excellent	Excellent	Excellent	Good
Potassium Nitrate	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Potassium Oxalate	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Potassium Permanganate	N/A	Excellent	Excellent	Excellent	Fair	N/A	Excellent
Potassium Sulfate	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Potassium Sulfide	Excellent	Excellent	Excellent	Excellent	Excellent	Good	Good
Propane (liquefied)	Poor	Poor	Excellent	Fair	Excellent	N/A	Poor
Propylene	Poor	Poor	Excellent	Poor	Poor	Poor	Poor
Propylene Glycol	Excellent	Excellent	Excellent	Fair	Excellent	Excellent	Excellent
Pyridine	Poor	Good	Poor	Poor	Poor	Poor	Poor
Pyrogallic Acid	N/A	Good	Excellent	Excellent	N/A	N/A	N/A
Resorcinal	N/A	Good	Excellent	Poor	N/A	N/A	N/A
Rosins	Excellent	N/A	Excellent	Excellent	Excellent	Good	N/A
Rum	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Rust Inhibitors	N/A	N/A	Excellent	Fair	Excellent	N/A	N/A
Salad Dressings	N/A	N/A	Excellent	N/A	Excellent	N/A	N/A
Salicylic Acid	N/A	Excellent	Excellent	N/A	Good	Excellent	Excellent
Salt Brine (NaCl saturated)	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Sea Water	Excellent	Excellent	Excellent	Good	Excellent	Excellent	Excellent
Shellac (Bleached)	N/A	Excellent	Excellent	Good	Excellent	Excellent	Excellent



RUBBER CHEMICAL CHART

Chemical	Silicone	EPDM	FKM (Viton®)	Neoprene	Nitrile	Hypalon	Natural Rubber
Shellac (Orange)	N/A	Excellent	Excellent	Poor	Excellent	N/A	Poor
Silicone	Fair	Excellent	Excellent	Excellent	Excellent	Excellent	Fair
Silver Bromide	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Silver Nitrate	Excellent	Excellent	Excellent	Excellent	Good	Excellent	Excellent
Soap Solutions	Excellent	Excellent	Excellent	Good	Excellent	Excellent	Good
Soda Ash (see Sodium Carbonate)	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Sodium Acetate	Poor	Excellent	Poor	Good	Good	N/A	Excellent
Sodium Aluminate	N/A	Excellent	Excellent	Excellent	Excellent	Excellent	Good
Sodium Benzoate	N/A	Excellent	Excellent	Excellent	Good	Good	Excellent
Sodium Bicarbonate	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Sodium Bisulfate	Excellent	Excellent	Excellent	Excellent	Good	Excellent	Excellent
Sodium Bisulfite	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Sodium Borate (Borax)	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Sodium Bromide	N/A	Excellent	Excellent	Excellent	N/A	Good	Excellent
Sodium Carbonate	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Sodium Chlorate	Fair	Excellent	Excellent	Excellent	Good	Excellent	Excellent
Sodium Chloride	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Sodium Chromate	N/A	N/A	Excellent	Excellent	Excellent	Fair	Good
Sodium Cyanide	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Sodium Ferrocyanide	N/A	Excellent	Excellent	Excellent	Excellent	Good	Good
Sodium Fluoride	N/A	Excellent	Excellent	Excellent	Excellent	Good	N/A
Sodium Hydrosulfite	Fair	Good	Excellent	Good	Fair	Good	Fair



RUBBER CHEMICAL CHART

Chemical	Silicone	EPDM	FKM (Viton®)	Neoprene	Nitrile	Hypalon	Natural Rubber
Sodium Hydroxide (20%)	Excellent	Good	Fair	Good	Excellent	Excellent	Excellent
Sodium Hydroxide (50%)	Excellent	Good	Poor	Good	Excellent	Excellent	Excellent
Sodium Hydroxide (80%)	Excellent	Good	Poor	Good	Poor	Excellent	Excellent
Sodium Hypochlorite (<20%)	Good	Good	Excellent	Fair	Good	Excellent	Fair
Sodium Hypochlorite (100%)	Good	Good	Excellent	Fair	Poor	Good	Fair
Sodium Hyposulfate	N/A	N/A	N/A	Fair	N/A	N/A	Fair
Sodium Metaphosphate	Excellent	Excellent	Excellent	Good	Excellent	Good	Excellent
Sodium Metasilicate	N/A	Excellent	Excellent	Excellent	Excellent	Good	Excellent
Sodium Nitrate	Poor	Excellent	Excellent	Good	Excellent	Excellent	Good
Sodium Perborate	Good	Excellent	Excellent	Good	Good	Good	Good
Sodium Peroxide	Poor	Excellent	Excellent	Good	Good	Good	Good
Sodium Polyphosphate	Poor	Excellent	Excellent	Good	Excellent	Good	Fair
Sodium Silicate	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Sodium Sulfate	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Good
Sodium Sulfide	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Good
Sodium Sulfite	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Good
Sodium Tetraborate	Excellent	Excellent	Excellent	Good	Excellent	Excellent	Excellent
Sodium Thiosulfate (hypo)	Excellent	Excellent	Excellent	Excellent	Good	Excellent	Good
Sorghum	N/A	N/A	Excellent	Excellent	Excellent	N/A	Excellent
Soy Sauce	N/A	N/A	Excellent	Excellent	Excellent	N/A	N/A
Stannic Chloride	Good	Excellent	Excellent	Fair	Excellent	Fair	Excellent
Stannic Fluoborate	N/A	N/A	Excellent	Excellent	Excellent	N/A	N/A



RUBBER CHEMICAL CHART

Chemical	Silicone	EPDM	FKM (Viton®)	Neoprene	Nitrile	Hypalon	Natural Rubber
Stannous Chloride	Good	Fair	Excellent	Excellent	Excellent	Excellent	Excellent
Starch	N/A	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Stearic Acid	Good	Good	Excellent	Good	Good	Fair	N/A
Stoddard Solvent	Poor	Poor	Excellent	Fair	Excellent	N/A	Poor
Styrene	Poor	Poor	Good	Poor	Poor	Poor	Poor
Sugar (Liquids)	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Sulfate (Liquors)	Good	Excellent	Excellent	Good	Excellent	Good	Good
Sulfur Chloride	Fair	Poor	Excellent	Poor	Poor	N/A	Poor
Sulfur Dioxide	Good	Excellent	Excellent	Good	Poor	Fair	N/A
Sulfur Dioxide (dry)	Good	Excellent	Excellent	Poor	Poor	N/A	Fair
Sulfur Hexafluoride	Good	Good	N/A	Excellent	Good	Good	Poor
Sulfur Trioxide	Good	Fair	Excellent	Poor	Poor	Poor	Fair
Sulfur Trioxide (dry)	Good	Fair	Excellent	Poor	Poor	N/A	N/A
Sulfuric Acid (<10%)	Fair	Excellent	Excellent	Good	Excellent	Excellent	Excellent
Sulfuric Acid (10-75%)	Poor	Good	Excellent	Good	Good	Good	Fair
Sulfuric Acid (75-100%)	Poor	Good	Excellent	Poor	Fair	Fair	Poor
Sulfuric Acid (cold concentrated)	Poor	Fair	Good	Poor	Poor	Fair	Poor
Sulfuric Acid (hot concentrated)	Poor	Poor	Excellent	Poor	Poor	Poor	Poor
Sulfurous Acid	Poor	Good	Excellent	Fair	Good	Excellent	Good
Sulfuryl Chloride	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tallow	N/A	Excellent	Excellent	Good	Excellent	Fair	N/A
Tannic Acid	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent



RUBBER CHEMICAL CHART

Chemical	Silicone	EPDM	FKM (Viton®)	Neoprene	Nitrile	Hypalon	Natural Rubber
Tanning Liquors	Good	Good	Excellent	Excellent	Good	Good	Fair
Tartaric Acid	Excellent	Good	Excellent	Excellent	Excellent	Excellent	Excellent
Tetrachloroethane	Poor	Poor	Excellent	Poor	Poor	Poor	Poor
Tetrachloroethylene	Poor	Poor	Excellent	Poor	Poor	Poor	Poor
Tetrahydrofuran	Poor	Poor	Poor	Poor	Poor	Poor	Poor
Tin Salts	Good	Good	Excellent	N/A	Excellent	Excellent	Excellent
Toluene (Toluol)	Poor	Poor	Fair	Poor	Poor	Poor	Poor
Tomato Juice	N/A	Excellent	Excellent	Excellent	Excellent	N/A	N/A
Trichloroacetic Acid	Poor	Good	Fair	Poor	N/A	N/A	Fair
Trichloroethane	Poor	Poor	Excellent	Poor	Poor	Poor	Poor
Trichloroethylene	Poor	Poor	Excellent	Poor	Poor	Poor	Poor
Trichloropropane	N/A	N/A	Excellent	Excellent	Poor	N/A	Poor
Tricresylphosphate	Fair	Excellent	Excellent	Fair	Poor	Poor	Good
Triethylamine	N/A	Excellent	Poor	Excellent	Fair	N/A	Good
Trisodium Phosphate	Excellent	Excellent	Excellent	Excellent	Excellent	N/A	Excellent
Turpentine	Poor	Poor	Excellent	Poor	N/A	Poor	Poor
Urea	Good	Excellent	Excellent	Good	Good	N/A	N/A
Uric Acid	N/A	N/A	N/A	Excellent	N/A	N/A	N/A
Urine	N/A	Excellent	Excellent	Poor	Excellent	N/A	Poor
Varnish	Poor	Poor	Excellent	Poor	Good	Poor	Poor
Vegetable Juice	Good	Excellent	Excellent	N/A	Excellent	N/A	N/A
Vinegar	Excellent	Excellent	Excellent	Good	Good	Excellent	Good



RUBBER CHEMICAL CHART

Chemical	Silicone	EPDM	FKM (Viton®)	Neoprene	Nitrile	Hypalon	Natural Rubber
Vinyl Acetate	Poor	Good	Excellent	Poor	Poor	Excellent	Poor
Vinyl Chloride	N/A	Fair	Excellent	Poor	Poor	N/A	Fair
Water, Acid, Mine	Good	Excellent	Excellent	Fair	Excellent	N/A	Good
Water, Deionized	N/A	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Water, Distilled	Fair	Excellent	Excellent	Excellent	Excellent	N/A	Excellent
Water, Fresh	Good	Excellent	Excellent	Excellent	Excellent	N/A	Excellent
Water, Salt	Good	Excellent	Excellent	Excellent	Excellent	N/A	Excellent
Weed Killers	Excellent	N/A	Excellent	Fair	Excellent	N/A	N/A
Whey	N/A	N/A	Excellent	N/A	Excellent	N/A	N/A
Whiskey & Wines	Excellent	Excellent	Excellent	Fair	Excellent	Excellent	Excellent
White Liquor (Pulp Mill)	Excellent	N/A	Excellent	Excellent	Excellent	N/A	N/A
White Water (Paper Mill)	N/A	N/A	Excellent	Excellent	N/A	N/A	N/A
Xylene	Poor	Poor	Good	Poor	Poor	Poor	Poor
Zinc Chloride	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Zinc Hydrosulfite	N/A	Excellent	N/A	Excellent	Excellent	N/A	N/A
Zinc Sulfate	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Good



RUBBER CHEMICAL CHART

Explanation of Footnotes

1. Satisfactory to 72°F (22° C)
2. Satisfactory to 120°F (48° C)

Ratings – Chemical Effect

Excellent – No Problems

Good – Minor Effect, slight corrosion or discoloration.

Fair – Moderate Effect, not recommended for continuous use. Softening, loss of strength, swelling may occur.

Poor – not recommended for ANY use.

N/A = Information Not Available.

DANGER!

Variations in chemical behavior during handling due to factors such as temperature, pressure, and concentration can cause equipment to fail, even though it passed an initial test. **SERIOUS INJURY MAY RESULT** Use suitable guards and/or personal protection when handling chemicals.

WARNING!

The information in this chart has been supplied to Vicone by other reputable sources and is to be used **ONLY** as a guide in selecting equipment for appropriate chemical compatibility. Before permanent installation, test the equipment with the chemicals and under the specific conditions of your application. Ratings of chemical behavior listed in this chart apply to a 48-hr exposure period; We have no knowledge of possible effects beyond this period. We do not warrant (neither express or implied) that the information in this chart is accurate or complete or that any material is suitable for any purpose.