



**PROTECTIVE INDUSTRIAL PRODUCTS**



# CHEMICAL RESISTANT CHART

NOTE: This chemical resistant chart is presented as a guide only. This does not consider permeability of glove, chemical combinations, temperature, length of time that glove is in contact with the chemical and thickness of glove. These factors will alter or affect the performance of glove. Recommend actual on-the-job testing of glove.

chemical	latex	nitrile	neoprene	pvc	chemical	latex	nitrile	neoprene	pvc
Acetaldehyde	F	P	E	NR	Isopropyl Alcohol*	E	E	E	G
Acetic Acid	G	G	E	F	Kerosene	P	E	E	F
Acetone	G	NR	G	NR	Lactic Acid	E	E	E	E
Acetonitrile	F	NR	F	NR	Lauric Acid	G	E	E	F
Ammonium Hydroxide <30%*	G	E	E	E	Linoleic Acid	P	E	E	G
Amyle Acetate	F	E	NR	P	Linseed Oil	P	E	E	E
Amyl Alcohol	G	G	P	NR	Maleic Acid	P	E	E	G
Aniline	P	NR	G	F	Methyl Acetate	P	P	G	NR
Animal Fats	P	E	E	G	Methyl Alcohol	E	E	E	G
Battery Acids	G	E	E	E	Methylamine	E	E	G	E
Benzaldehyde	F	NR	NR	NR	Methylene Bromide	NR	NR	NR	NR
Benzene	NR	P	NR	NR	Methylene Chloride	NR	NR	NR	NR
Benzoyl Chloride	P	NR	NR	NR	Methyl Cellosolve	P	F	E	-
Butane	P	E	F	P	Methyl Ethyl Ketone (MEK)	G	NR	G	NR
Butyl Acetate	P	F	NR	NR	Methylisobutyl Ketone	F	P	NR	NR
Butyl Alcohol	E	P	E	G	Methyl Methacrylate	P	P	NR	NR
Butyl Cellusolve*	E	E	E	NR	Mineral Oil	P	E	E	F
Carbolic Acid	P	P	E	G	Mineral Spirits	NR	E	G	F
Carbon Disulfide	NR	NR	NR	NR	Monoethanolamine	G	E	E	E
Carbon Tetrachloride	NR	G	P	NR	Morpholine	G	NR	P	NR
Castor Oil	E	E	E	E	Muriatic Acids	G	G	E	G
Cellosole Acetate	G	G	F	NR	Naptha V.M & P.	NR	E	G	P
Cellosole Solvent	E	G	E	NR	Nitric Acid <30%	G	P	E	G
Chlorobenzene	NR	NR	NR	NR	Nitric Acid 70%	F	NR	G	F
Chloroform	NR	F	F	NR	Nitric Acid Red Fuming	P	NR	NR	P
Chloronaphalens	NR	F	NR	NR	Nitric Acid White Fuming	P	NR	NR	P
Chlorothene VG	NR	F	NR	P	Nitrobenzene	P	NR	NR	NR
Chromic Acid	NR	F	F	G	Nitromethane	G	F	E	P
Citric Acid	E	E	E	E	Nitropropane	E	NR	G	NR
Cottonseed Oil	P	E	E	G	Octyl Alcohol	G	E	E	F
Cresole	P	G	G	F	Oleic Acid	P	E	E	F
Cutting Oil	F	E	E	P	Paint Remover	F	G	G	P
Cyclohexane	P	E	F	P	Palmitic Acid	G	G	E	G
Cyclohexanol	P	E	E	G	Pentachlorophenol	P	E	E	F
Dibutyl Phthalate	P	G	F	G	Pentane	P	E	E	NR
Diethylamie	NR	F	P	NR	Perchloric Acid 60%	P	E	E	E
Di-Isobutyl Ketone	P	E	P	P	Potassium Hydroxide <50%*	E	G	E	E
Dimethyl Formamide (DMF)	E	NR	G	NR	Printing Ink	G	E	G	F
Dimethyl Sulfoxide (DMSO)	E	E	E	NR	Propyl Acetate	P	F	P	NR
Dicotyl Phthalate (DOP)	P	G	G	NR	Propyl Alcohol	E	E	E	F
Dioxane	F	NR	NR	NR	Perchloroethylene	NR	G	NR	NR
Ethyl Acetate	P	NR	F	NR	Phenol	G	NR	E	G
Ethyl Alcohol	E	E	E	G	Phosphoric Acid*	G	E	E	G
Ethylene Dichloride	P	NR	NR	NR	Picric Acid	G	E	E	E
Ethylene Glycol	E	E	E	E	Propylene Oxide	P	NR	NR	NR
Ethyl Ether	NR	E	E	NR	Rubber Solvent	NR	E	G	NR
Ethylene Trichloride	P	P	P	NR	Sodium Hydroxide <50%	E	G	E	G
Formaldehyde	E	E	E	E	Stoddard Solvent	P	E	E	NR
Formic Acid	E	F	E	E	Styrene*	NR	NR	NR	NR
Freon	NR	F	G	NR	Sulfuric Acid 95%	NR	NR	F	G
Furfural	E	NR	G	NR	Tannic Acid	E	E	E	E
Gasoline	NR	E	P	P	Tetrahydrofuran (THF)	NR	NR	NR	NR
Glycerine	E	E	E	E	Toluene	NR	G	P	NR
Hexane	NR	E	E	NR	Toluene Di-Isocyanate (TDI)	P	NR	NR	P
Hydraulic Fluid Petro. Based	P	E	F	G	Trichloretylene (TCE)	NR	G	P	NR
Hydraulic Fluid Ester Based	P	P	P	P	Tricrestyl Phosphatate (TCP)	G	E	F	F
Hydrazine 65%	G	E	E	E	Triethanolamine 85% (TEA)	G	E	E	E
Hydrochloric Acid*	G	E	E	E	Tung Oil	NR	E	E	F
Hydrofluoric Acid	G	E	E	E	Turbine Oil	P	G	E	F
Hydrogen Peroxide	E	E	E	E	Turpentine	P	E	G	P
Hydroquinone	G	E	E	E	Vegetable Oil	P	E	E	F
Isobutyl Alcohol	E	E	E	F	Xylene	NR	G	P	NR
Iso-Octane	NR	E	E	P					

KEY: P = Poor; F = Fair; G = Good; E = Excellent; NR = Not Recommended

\*Basic chemicals used for cleaning