

# CHEMICAL RESISTANCE CHART

**THIS CHEMICAL RESISTANCE CHART IS FOR ADVISORY USE ONLY!**

Environmental conditions, exposure times, chemical concentrations, and residues may affect glove performance. It is strongly advised that onsite testing of all gloves be conducted to help determine safe usage parameters. Glove chemical resistance is based on 5-mil gloves. Glove material thickness will affect chemical resistance duration.

Chemical Resistance	Latex	Nitrile	Vinyl	Chemical Resistance	Latex	Nitrile	Vinyl
Acetaldehyde, 99.5%	Recommended	Recommended	Not Recommended	Hydrochloric Acid, 38%	Recommended	Recommended	Limited Use
Acetic Acid	Recommended	Recommended	Limited Use	Hydrofluoric Acid, 48%	Recommended	Recommended	Limited Use
Acetone, 99.5%	Recommended	Not Recommended	Not Recommended	Hydrogen Peroxide, 30%	Recommended	Recommended	Recommended
Acetonitrile, 99%	Recommended	Not Recommended	Not Recommended	Hydroquinone	Recommended	Limited Use	Recommended
Acrylic Acid, 99%	Recommended	Limited Use	Not Rated	Iodine	Recommended	Recommended	Recommended
Ammonium Fluoride, 40%	Recommended	Recommended	Recommended	Isobutyl Alcohol, 99%	Recommended	Recommended	Recommended
Ammonium Hydroxide, 85%	Recommended	Recommended	Recommended	Iso-Octane, 99%	Limited Use	Recommended	Not Recommended
Amyl Acetate, 100%	Not Recommended	Not Recommended	Limited Use	Isopropanol	Not Rated	Recommended	Not Rated
Amyl Alcohol, 99%	Recommended	Recommended	Limited Use	Isopropyl Alcohol, 99%	Recommended	Recommended	Recommended
Aniline, 99%	Limited Use	Not Recommended	Limited Use	Isopropyl Benzene	Not Rated	Recommended	Not Rated
Animal Fats	Not Recommended	Recommended	Recommended	Kerosene, 100%	Limited Use	Recommended	Limited Use
Aqua Regia	Not Recommended	Recommended	Recommended	Lactic Acid, 85%	Recommended	Recommended	Recommended
Battery Acid	Recommended	Recommended	Recommended	Lauric Acid, 36%	Limited Use	Recommended	Limited Use
Benzaldehyde, 99.5%	Limited Use	Not Recommended	Not Recommended	Linoleic Acid	Not Recommended	Recommended	Recommended
Benzene	Not Recommended	Recommended	Limited Use	Linseed Oil	Not Recommended	Recommended	Recommended
Benzyl Chloride	Limited Use	Recommended	Not Recommended	Maleic Acid, 100%	Recommended	Recommended	Recommended
Bromine	Recommended	Not Rated	Recommended	Methanol	Not Rated	Recommended	Not Rated
Bromopropionic Acid, Sat.	Recommended	Recommended	Not Rated	Methyl Acetate	Not Recommended	Not Recommended	Not Rated
Butane	Not Recommended	Recommended	Not Recommended	Methyl Alcohol, 99.9%	Recommended	Recommended	Recommended
2-Butoxyethanol	Not Rated	Recommended	Not Rated	Methylamine, 40%	Recommended	Recommended	Recommended
Butyl Acetate, 99%	Limited Use	Not Recommended	Recommended	Methyl-Butyl Ether, 99.8%	Not Recommended	Recommended	Not Rated
Butyl Alcohol, 99%	Recommended	Recommended	Not Recommended	Methyl Cellosolve, 99%	Limited Use	Limited Use	Not Recommended
Butyl Cellosolve, 99%	Recommended	Recommended	Not Recommended	Methylamine	Recommended	Recommended	Recommended
Butyrolactone, 99%	Recommended	Not Recommended	Not Rated	Methyl Chloride	Not Recommended	Not Recommended	Not Recommended
Calcium Hypochlorite	Not Recommended	Recommended	Recommended	Methylene Chloride	Limited Use	Recommended	Limited Use
Carbolic Acid	Not Recommended	Not Recommended	Recommended	Methyl Ethyl Ketone, 99%	Recommended	Not Recommended	Not Recommended
Carbon Dichloride	Not Rated	Recommended	Not Rated	Methyl Isobutyl Ketone	Limited Use	Not Recommended	Not Recommended
Carbon Disulfide, 99.9%	Limited Use	Limited Use	Not Recommended	Methyl Methacrylate	Recommended	Limited Use	Not Recommended
Carbon Tetrachloride, 99%	Not Recommended	Recommended	Limited Use	Methyl-T-Butyl Ether	Not Rated	Recommended	Not Rated
Castor Oil	Not Recommended	Recommended	Recommended	Mineral Oil	Not Recommended	Recommended	Limited Use
Cellosolve Acetate, 99%	Recommended	Recommended	Not Recommended	Mineral Spirits, 100%	Not Recommended	Recommended	Not Recommended
Cellosolve Solvent	Recommended	Recommended	Not Rated	Monoethanolamine, 99%	Recommended	Recommended	Recommended
Chlorine	Recommended	Recommended	Recommended	Morpholine, 99%	Recommended	Recommended	Not Recommended
Chloroacetone	Limited Use	Not Rated	Not Recommended	Muriatic Acid, 100%	Recommended	Recommended	Recommended
Chloroform	Not Recommended	Not Recommended	Not Recommended	Naphtha VM&P, 100%	Not Recommended	Recommended	Not Recommended
Chloronaphthalenes	Not Rated	Limited Use	Not Rated	N-Methyl-2 Pyrrolidone, 99%	Limited Use	Not Recommended	Not Rated
Chlorothene VG	Not Rated	Limited Use	Not Recommended	Naphthalene	Limited Use	Recommended	Limited Use
Chromic Acid, 50%	Not Recommended	Limited Use	Recommended	Nitric Acid, 10%	Recommended	Recommended	Recommended
Citric Acid, 10%	Recommended	Recommended	Recommended	Nitric Acid, 70%	Not Recommended	Not Recommended	Limited Use
Cottonseed Oil	Not Recommended	Recommended	Recommended	Nitrobenzene, 99%	Limited Use	Not Recommended	Not Recommended
Creosol	Not Recommended	Recommended	Limited Use	Nitromethane, 95.5%	Not Recommended	Limited Use	Not Recommended
Cunene	Not Rated	Recommended	Not Rated	Nitropropane, 95.5%	Recommended	Not Recommended	Not Rated
Cutting Oil	Limited Use	Recommended	Not Recommended	Octyl Alcohol, 99%	Recommended	Recommended	Recommended
Cyclohexane	Not Recommended	Recommended	Not Recommended	Oleic Acid, 99%	Limited Use	Recommended	Recommended
Cyclohexanol, 98%	Limited Use	Recommended	Recommended	Oxalic Acid, 12.5%	Recommended	Recommended	Recommended
Diacetone Alcohol, 99%	Limited Use	Recommended	Limited Use	Paint Remover	Limited Use	Recommended	Not Recommended
Dibutyl Phthalate, 99%	Not Recommended	Recommended	Not Recommended	Palmitic Acid, Sat.	Recommended	Recommended	Recommended
Diamine	Not Rated	Recommended	Not Rated	Pentachlorophenol, 35%	Not Recommended	Recommended	Not Rated
Diethylamine, 99%	Not Recommended	Limited Use	Not Recommended	Pentane, 98%	Not Recommended	Recommended	Recommended
Diethyl Ether	Limited Use	Recommended	Not Recommended	Perchloric Acid, 60%	Limited Use	Recommended	Limited Use
Di-Isobutyl Ketone, 80%	Limited Use	Recommended	Not Recommended	Perchloroethylene	Not Recommended	Recommended	Not Recommended
Dimethyl Acetamide, 99%	Limited Use	Not Recommended	Not Rated	Perholfeum Ether	Not Rated	Recommended	Not Rated
N,N-Dimethyl Formamide, 99%	Recommended	Not Recommended	Not Recommended	Phenol, 90%	Limited Use	Limited Use	Limited Use
Dimethyl Sulfoxide, 99%	Recommended	Recommended	Not Recommended	Phosphoric Acid, 85%	Recommended	Recommended	Recommended
Diethyl Phthalate, 99%	Not Recommended	Recommended	Not Rated	Picric Acid	Recommended	Recommended	Recommended
1,4-Dioxane, 99.9%	Limited Use	Not Recommended	Limited Use	Potassium Hydroxide, 50%	Recommended	Recommended	Recommended
Epichlorohydrin, 99%	Limited Use	Not Recommended	Not Rated	Printing Ink	Recommended	Recommended	Limited Use
Ethanol	Not Rated	Recommended	Not Rated	Propyl Acetate, 99%	Limited Use	Limited Use	Not Recommended
2-Ethoxyethanol	Not Rated	Recommended	Not Rated	Propyl Alcohol, 96%	Recommended	Recommended	Limited Use
Ethyl Acetate, 99%	Limited Use	Limited Use	Not Recommended	Propylene Oxide	Not Recommended	Not Rated	Not Rated
Ethyl Alcohol, 90%	Recommended	Recommended	Recommended	Pyridine, 99%	Limited Use	Not Recommended	Not Rated
Ethyl Ether, 99%	Recommended	Recommended	Not Recommended	Rubber Solvent, 100%	Not Recommended	Recommended	Not Recommended
Ethylene Dichloride	Not Recommended	Not Recommended	Not Recommended	Rule Solvent	Not Rated	Recommended	Not Rated
Ethylene Glycol, 99%	Recommended	Recommended	Recommended	Sodium Hydroxide, 50%	Recommended	Recommended	Recommended
Ethyl Glycol Ether, 99%	Limited Use	Limited Use	Not Rated	Sodium Hypochlorite	Recommended	Limited Use	Recommended
Ethylene Trichloride	Not Recommended	Not Recommended	Not Rated	Stoddard Solvent, 99%	Not Recommended	Not Recommended	Recommended
Fluorine	Recommended	Not Rated	Recommended	Sulfuric Acid, 95%	Recommended	Recommended	Not Recommended
Formaldehyde, 99%	Recommended	Recommended	Recommended	Tannic Acid, 37.5%	Recommended	Recommended	Recommended
Formalin Solution	Not Rated	Recommended	Not Rated	1,1,2,2-Tetrachloroethane, 99%	Not Recommended	Not Recommended	Not Rated
Formic Acid, 95%	Recommended	Recommended	Recommended	Tetrachloroethylene, 100%	Not Recommended	Not Recommended	Recommended
Freon TF, 99%	Not Recommended	Limited Use	Limited Use	Toluene, 99%	Not Recommended	Limited Use	Not Recommended
Furfural, 99%	Recommended	Not Recommended	Not Recommended	Toluene Di-Isocyanate	Not Recommended	Not Rated	Not Recommended
Gasoline, 100%	Not Recommended	Recommended	Limited Use	1,1,1-Trichloroethane, 99%	Not Recommended	Not Recommended	Not Rated
Glycerine	Recommended	Recommended	Recommended	Trichloroethylene	Limited Use	Recommended	Not Recommended
Glycerol	Recommended	Recommended	Recommended	Tricresyl Phosphate, 90%	Not Recommended	Recommended	Limited Use
Heptane	Not Rated	Recommended	Not Rated	Triethanolamine, 85%	Recommended	Recommended	Recommended
Hexamethyldisilazane, 97%	Recommended	Recommended	Not Rated	Tung Oil	Not Recommended	Recommended	Limited Use
Hexane, 99%	Not Recommended	Recommended	Not Recommended	Turbine Oil	Not Recommended	Recommended	Limited Use
Hydraulic Fluid-Petrol Based	Not Recommended	Recommended	Recommended	Turpentine, 100%	Limited Use	Recommended	Limited Use
Hydraulic Fluid- Ester Based	Not Recommended	Not Recommended	Not Recommended	Vegetable Oil	Not Recommended	Recommended	Limited Use
Hydrazine, 65%	Recommended	Recommended	Recommended	Xylene	Not Recommended	Limited Use	Not Recommended