



The following chemical resistance ratings are based on published research data. EPPCO has not individually tested against the chemicals contained in this chart.

CHEMICAL RATINGS KEY

Excellent
 Good
 Fair
 Not Recommended
 No Data

Chemicals	Latex	Nitrile
Acetaldehyde	Yellow	Red
Acetamide	Red	Blue
Acetic acid (50% concentration)	Green	Green
Acetone	Red	Red
Acetonitrile	Green	Red
Acetophenone	Red	Red
Acetyl chloride	Red	Red
Acrylamide	Gray	Gray
Acrylic acid	Green	Yellow
Aircraft stripper	Red	Green
Aluminum nitrate (nonhydrous) (10% concentration)	Green	Green
Ammonia	Red	Green
Ammonium benzoate	Red	Red
Ammonium hydroxide (30% concentration)	Green	Blue
Ammonium hydroxide (concentrated)	Red	Red
Ammonium oxalate	Gray	Blue
Ammonium sulfate (aqueous)	Blue	Blue
Amyl acetate	Red	Red
Aniline	Red	Red
Antifreeze	Blue	Blue
Benzaldehyde	Red	Red
Benzene	Red	Red
Benzoic acid	Red	Red
Boric acid	Blue	Blue
Brake cleaner	Red	Blue
Brake cleaner, non-chlorinated	Red	Red
Brake fluid	Green	Green
Bromine (anhydrous liquid)	Red	Red
Bromoethane (methyl bromide)	Red	Red
Butyl acetate	Red	Red
n-Butyl alcohol	Green	Blue
n-Butyl chloride	Red	Red
1, 3-Butylene glycol (1,3-butanediol)	Gray	Green
Calcium chloride (aqueous)	Blue	Blue
Calcium hydroxide	Blue	Blue
Carbamide peroxide	Green	Yellow
Carbon dioxide	Green	Blue
Carbon disulfide	Red	Red
Carbon tetrachloride	Red	Green
Carburetor cleaner (typically xylene, toluene and/or acetone)	Red	Red
Castor Oil	Blue	Blue
Chlorine (wet)	Red	Red
Chlorobenzene	Red	Red
Chloroform	Red	Red
o-Chloronaphthalene	Red	Red
Chromic acid (50% concentration)	Red	Yellow
Citric acid	Blue	Blue
Clonidine hydrochloride (0.1% concentration)	Gray	Gray
Cresols	Red	Red
Cupric sulfate (copper sulfate)	Green	Blue
Cyanic compounds	Gray	Yellow
Cyclohexane	Red	Blue
Cyclohexanol	Yellow	Green
Cyclohexanone	Red	Red

Chemicals	Latex	Nitrile
Decahydronaphthalene	Red	Red
Denatured alcohol	Blue	Blue
Dental etching material	Green	Green
Dental resin cement	Yellow	Gray
Dental waxes	Red	Blue
Denture polishing material	Red	Green
Detergent solutions	Green	Blue
Developing fluids	Blue	Blue
Diamond polishing paste	Green	Green
Dibutyl phthalate	Red	Red
o-dichlorobenzene	Red	Red
p-dichlorobenzene	Red	Red
Dichloromethane	Red	Red
Diesel fuel	Red	Green
Diesel fuel additive	Red	Green
Diethylamine	Yellow	Yellow
Diethylene glycol	Blue	Blue
Diisobutyl ketone (DIBK)	Red	Red
N, N-dimethyl acetamide	Green	Green
Dimethylformamide	Red	Green
Dimethyl sulfoxide (DMSO)	Red	Red
Dioctyl phthalate (DOP)	Red	Red
Dioxane	Red	Red
EDTA (17% solution)	Green	Green
Engine cleaner and degreaser	Red	Green
Epoxy primer (containing toluene, acetone, MEK and/or n-butyl acetate)	Red	Red
Ethanol [ethyl alcohol (95% concentration)]	Blue	Blue
Ethanolamine	Green	Green
Ether	Red	Red
Ethidium bromide (1.5% concentration)	Gray	Gray
2-ethoxyethanol	Green	Blue
Ethyl acetate	Red	Red
Ethyl ether	Red	Red
Ethylene dichloride	Red	Red
Ethylene glycol	Blue	Blue
Ethylene oxide	Red	Red
Ferric chloride (aqueous)	Blue	Blue
Formaldehyde	Green	Green
Formalin (40% concentration of formaldehyde)	Green	Green
Formamide	Gray	Blue
Formic acid	Green	Green
Freon 11	Red	Green
Freon 12	Red	Green
Freon 21	Red	Red
Freon 22	Red	Red
Fuel injector cleaner (primarily kerosene)	Red	Green
Furfural	Red	Red
Gasoline, leaded	Red	Blue
Gasoline, unleaded	Red	Blue
Glass ionomer dental cements	Green	Green
Glucose	Blue	Blue
Gluteraldehyde (50% concentration)	Gray	Gray
Glycerin	Blue	Blue
Glycerol	Blue	Blue

Chemicals	Latex	Nitrile
Grease, automotive (petroleum-based)		
Grease, automotive (silicon-based)		
Grease, automotive (synthetic)		
Heptane (in-heptane)		
Hexane		
Hydraulic fluid (petroleum-based)		
Hydrochloric acid (20% concentration)		
Hydrochloric acid (50% concentration)		
Hydrochloric acid (concentrated)		
Hydrofluoric acid (40% concentration)		
Hydrofluoric acid (concentrated)		
Hydrogen peroxide (3% concentration)		
Hydrogen peroxide (30% concentration)		
Hydrogen peroxide (concentrated)		
Hydroquinone		
Hydroxylamine hydrochloride		
Imidazole		
Isobutanol (isobutyl alcohol)		
Isooctane		
Isopropanol (isopropyl alcohol)		
Kerosene		
Ketones		
Lacquers		
Lacquer thinners		
Lactic acid (85% concentration)		
Laurel alcohol (lauryl alcohol)		
Lauric acide		
Lead acetate		
Linoleic acid		
Linseed oil		
Lubricants (containing mineral spirits as primary component)		
Maleic acid		
2-Mercaptoethanol		
Mercuric chloride		
Mercury		
Methane		
Methyl alcohol (methanol)		
2-Methoxyethanol (ethylene glycol monomethyl)		
Methyl amine		
Methyl bromide		
Methyl butyl ketone		
Methylene chloride		
Methyl chloride		
Methyl ethyl ketone (MEK)		
Methyl isobutyl ketone (MIBK)		
Methyl methacrylate		
Mineral spirits		
Monoethanolamine		
Morpholine		
Motor oil (includes oils made from petroleum distillates, synthetic oils, diesel oils, 2-stroke oils, and hydraulic oils)		
Naphtha		
Naphthalene		
Nitric acid (50% concentration)		
Nitromethane (95.5% concentration)		
Nitropropane (95.5% concentration)		
Nitrophenols		
Octyl alcohol (octanol)		
Oleic acid		
Oxalic acid		
Paint (latex-based)		
Paint (oil-based)		
Paint, automotive (paint containing VM&P naphtha, mineral spirits; with small amounts of toluene, xylene or n-butyl acetate)		
Paint, automotive (paints containing large amounts of toluene, xylene or n-butyl acetate)		
Paint activator, automotive (containing MEK, polysocyanane resin, and/or butyl acetate)		
Paint reducers/thinners, automotive		
Paint reducers/thinners, automotive (aramatic hydrocarbons, e.g. toluene or xylene)		

Chemicals	Latex	Nitrile
Paint thinner (Duco)		
Palmitic acid		
Paraformaldehyde		
Parts wash, automotive		
Pentane		
Pentyl ether (same as pentane)		
Perchloric acid		
Perchloroethylene		
Periodic acid (50% concentration)		
Petroleum distillates (naphthas)		
Phenol (0.1% concentration)		
Phenol (approx. 100% concentration)		
Phenolphthalein (aromatic phenols)		
Phosphoric acid (0 to 50% concentration)		
Phosphoric acid (50-85% concentration)		
Phosphoric acid (100% concentration)		
Polysorbates		
Potassium bromate		
Potassium chloride		
Potassium cyanide		
Potassium dichromate (aqueous)		
Potassium hydroxide		
Potassium iodide		
Potassium permanganate		
Potassium sulfate		
Propyl acetate		
Propyl alcohol		
Propylene (1-propene, methylethelene)		
Propylene glycol		
Pyridine		
Rust inhibitors, automotive		
Rust remover, automotive (containing <50% phosphoric acid)		
Silver nitrate		
Sodium acetate (aqueous)		
Sodium azide (sodium salt)		
Sodium bicarbonate (aqueous) [baking soda]		
Sodim chloride (aqueous)		
Sodium cyanide (aqueous)		
Sodium hydroxide (50% concentration)		
Sodium hypochlorite (bleach)		
Sodium selenate (10% concentration)		
Sodium thiosulfate (developing fluids)		
Staining rating (all stains)		
Styrene		
Sulfuric acid (50% concentration)		
Sulfuric acid		
Tannic acid (65% concentration)		
Tetrachloroethylene		
Tetrahydrofuran		
Tetramethylurea		
Toluene		
Toluene diisocyanate		
Transmission fluid, Type A		
Transmission fluid, synthetic		
Trichloroethylene		
Triethanolamine		
Triton X-100, Igepal CA, Polytergent G (octoxynol with varying ethylene oxide units)		
Tung oil		
Turpentine		
Undercoater, rubberized (automotive)		
Urea		
Varnish		
Vinyl chloride		
Water		
Wax remover, automotive (containing VM&P, naphtha, xylene and/or ethylbenzene)		
Xylene (Xylol)		