

Rating Scale:
1= Little or no impact
2= Minor effect
3= Moderate effect
4= Severe effect

Chemical Compatability Chart

Acetic Acid, Glacial	4	Isopropyl Alcohol (Isopropanol)	3
Acetic Acid, 30%	4	Isopropyl Ether	2
Acetone	4	Kerosene	1
Acetylene	1	Lacquers	4
Alkazene	4	Lacquer Solvents	4
Aluminum Chloride (aq)	3	Lard	1
Aluminum Nitrate (aq)	3	Lavender Oil	4
Ammonia Anhydrous	4	Lead Acetate (aq)	4
Ammonia Gas (cold)	3	Linseed Oil	2
Ammonia Gas (hot)	4	Liquified Petroleum Gas	1
Ammonium Chloride (aq) 40%	2	Lubricating Oils 1	2
Ammonium Sulfate (aq)	1	Lye	4
Amyl Alcohol	4	Magnesium Chloride (aq)	1
Amyl Naphthalene	4	Magnesium Hydroxide (aq)	4
Animal Fats	1	Mercury	1
Aqua Regia	4	Methane	3
Arsenic Acid	3	Methyl Acetate	4
Asphalt	2	Methyl Acrylate	4
ASTM Fuel A	2	Methyl Alcohol (Methanol)	4
ASTM Fuel B	3	Methyl Butyl Ketone	4
ASTM Fuel C	3	Methyl Chloride	4
Barium Chloride (aq)	1	Methylene Chloride	4
Beer	2	Methyl Ethyl Ketone	4
Beet Sugar Liquors	4	Methyl Isobutyl Ketone	4
Benzene	3	M i l k	4
Benzine	2	Mineral Oil	1
Blast Furnace Gas	4	Motor Oil 20W, 10W40	2
Bleach Solutions	4	Naphtha (Lighter Fluid)	2
Borax	1	Naphthalene (Moth Repellent)	2
Boric Acid	1	Natural Gas	2
Brake Fluid	4	Neatsfoot Oil	1
Brine	2	Nitric Acid 70%	4
Bromine Water	4	Nitric Acid (Dilute) 10%	3
Bunker Oil	2	Nitroethane	4
Butane	1	Nitrogen	1
Butter	1	N-Octane	4
Butyl Alcohol (Butanol)	3	Oleic Acid	2
Butylene	4	Oleum Spirits	3
Calcium Chloride (aq)	1	Olive Oil	1
Calcium Hydroxide (aq)	2	Oxygen - Cold	1
Calcium Nitrate (aq)	1	Oxygen (200 - 400°F)	4
Calcium Sulfide (aq)	1	Paint Thinner, Duco	4
Cane Sugar Liquors	4	Perchloric Acid	4
Carbolic Acid	3	Perchloroethylene	4
Carbon Dioxide	1	Petroleum - Below 250°F	2
Carbonic Acid	4	Petroleum - Above 250°F	4
Carbon Monoxide	1	Phenol (Carbolic Acid) 4	2
Carbon Tetrachloride	4	Phenyl Ethyl Ether	4
Castor Oil	1	Phosphoric Acid - 45%	4
Chlorine (dry)	4	Pickling Solution	4
Chlorine (wet)	4	Picric Acid	2
Chloroform	4	Potassium Acetate (aq)	4
Chlorox	4	Potassium Chloride (aq)	1
Chromic Acid 50%	4	Potassium Cyanide (aq)	1
Citric Acid	1	Potassium Hydroxide (aq)	4
Coal Tar (Creosote)	3	Producer Gas	1
Coconut Oil	2	Propane	1
Cod Liver Oil	1	Propyl Alcohol (Propanol)	4
Coke Oven Gas	4	Propylene	4
Copper Chloride (aq)	1	Propylene Glycol (Anti-Freeze)	3
Copper Cyanide (aq)	1	Propylene Oxide	4
Corn Oil	1	Pydraul, 10E, 29 ELT	4
Cotton Seed Oil	1	Pydraul 30E, 50E, 65E	4
Creosol (Methyl Phenol)	4	Pydraul, 115E	4
Cychlohexane	1	Pydraul 230E, 312C, 540C	4
Denatured Alcohol	4	Rapeseed Oil	2
Detergent Solution	3	Red Oil (MIL-H-5606)	1
Diesel Oil	2	RJ-1 (MIL-F-23338 B)	1
Dioxane	4	RP-1 (MIL-F-25576 C)	1
Dowtherm Oil	3	Salt Water	2
Dry Cleaning Fluids	4	Sewage	1
Ethane	1	Silicate Esters	1
Ethyl Acrylate	4	Silicone Oils	1
Ethyl Alcohol (Ethanol)	4	Silver Nitrate	1
Ethyl Benzene	4	Skydrol 500	4
Ethyl Cellulose	2	Skydrol 700	4
Ethyl Chloride	4	Soap Solutions	3
Ethyl Ether	3	Sodium Chloride (aq)	1
Ethylene Chloride	4	Sodium Hydroxide (aq)	4
Ethylene Glycol (Anti-Freeze)	2	Sodium Peroxide (aq)	4
Ethylene Oxide	4	Sodium Phosphate (aq)	1
Ethylene Trichloride	4	Sodium Sulfate (aq)	1
Ferric Chloride (aq)	1	Soy Bean Oil	2
Ferric Nitrate (aq)	1	Stoddard Solvent	1
Ferric Sulfate (aq)	2	Styrene (Monomer)	4
Fluorine (Liquid)	4	Sucrose Solution	4
Formaldehyde (RT)	4	Sulfuric Acid (Dilute, Battery Acid)	3
Formic Acid	4	Sulfuric Acid (Conc.)	4
Freon 11	4	Sulfuric Acid (20% Oleum)	4
Freon 12	1	Sulfurous Acid	4
Freon 22	4	Tannic Acid	4
Fuel Oil (Bunker 'C')	2	Tetrochloroethylene	4
Gasoline, 100 Octane, High Test	3	Toluene / (Toluol)	4
Glue	1	Transformer Oil	2
Glycerin (Glycerol)	1	Transmission Fluid Type A	2
Glycols	4	Trichloroethane	4
Green Sulfate Liquor	1	Trichloroethylene	4
Hexane	2	Turbine Oil	1
Hydraulic Oil	1	Turpentine	4
Hydrochloric Acid (cold) 37%	4	Varnish	3
Hydrochloric Acid (hot) 37%	4	Vinegar	2
Hydrofluoric Acid (Conc.) Cold	4	Vinyl Chloride	4
Hydrofluoric Acid (Conc.) Hot	4	Water	1
Hydrogen Gas	1	Whiskey, Wines	2
Isobutyl Alcohol	3	White Oil	1
Isooctane	2	Wood Oil	3
Isopropyl Acetate	4	Xylene	4
		Zinc Acetate (aq)	4
		Zinc Chloride (aq)	2