

Urethane Interior Coating Chemical Resistance Chart

Solutions	Conc. Temp.		Recommended Exposure			Solutions	Conc. Temp.		Recommended Exposure		
			Splashing Liquid Fumes						Splashing Liquid Fumes		
Acetic Acid	10%	75	yes	no	yes	Lead Plating Solution	Any	75	yes	no	yes
Acid Copper Plating Solution	Any	75	yes	no	yes	Malic Acid	Any	75	yes	no	yes
Alkaline Cleaners	Any	75	yes	no	yes	Methyl Alcohol	Any	75	yes	no	yes
Aluminum Chloride	Sat'd	75	yes	no	yes	Mineral Oils	Any	75	yes	yes	yes
Aluminum Sulfate	Sat'd	75	yes	no	yes	Nickel Acetate	Sat'd	75	yes	no	yes
Alums	Sat'd	75	yes	no	yes	Nickel Plating Solution		75	yes	no	yes
Ammonium Chloride	Sat'd	75	yes	no	yes	Nickel Salts	Sat'd	75	yes	no	yes
Ammonium Hydroxide	28%	75	yes	no	yes	Nitric Acid	35%	75	yes	no	yes
Ammonium Hydroxide	10%	75	yes	no	yes	Nitric Acid	40%	75	yes	no	yes
Ammonium Sulfate	Sat'd	75	yes	no	yes	Nitric Acid	60%	75	yes	no	yes
Ammonium Thiocyanate	Sat'd	75	yes	no	yes	Nitric Acid/ Hydrofluoric Acid	15% 4%	75	yes	no	yes
Amyl Alcohol	Any	75	yes	yes	yes	Nitric Acid/ Sodium Dichromate	16% 13%	75	yes	no	yes
Arsenic Acids	Any	75	yes	no	yes	Water	71%				
Barium Sulfide	Sat'd	75	yes	no	yes	Oleic Acid	Any	75	yes	no	yes
Black Liquor	Sat'd	75	yes	no	yes	Oxalic Acid	Sat'd	75	yes	no	yes
Benzoic Acid	Sat'd	75	yes	no	yes		Any	75	yes	no	yes
Brass Plating Solution	Any	75	yes	no	yes	Phenol	Sat'd	75	yes	no	yes
Bromine Water	Sat'd	75	yes	no	yes	Phosphoric Acid	75%	75	yes	no	yes
Butyl Alcohol	Any	75	yes	no	yes	Phosphoric Acid	85%	75	yes	no	yes
Cadmium Plating Solution	Any	75	yes	no	yes	Potassium Acid Sulfate	Sat'd	75	yes	no	yes
Calcium Bisulfite	Any	75	yes	no	yes	Potassium Antimonate	Sat'd	75	yes	no	yes
Calcium Chloride	Sat'd	75	yes	no	yes	Potassium Bisulfite	Sat'd	75	yes	no	yes
Calcium Hypochlorite	Sat'd	75	yes	no	yes	Potassium Chloride	Sat'd	75	yes	no	yes
Carbonic Acid	Sat'd	75	yes	no	yes	Potassium Cuprocyanide	Sat'd	75	yes	no	yes
Casein	Sat'd	75	yes	no	yes	Potassium Cyanide	Sat'd	75	yes	no	yes
Castor Oil	Any	75	yes	yes	yes	Potassium Diachromate	Sat'd	75	yes	no	yes
Caustic Soda	35%	75	yes	no	yes	Potassium Hypochlorite	Sat'd	75	yes	no	yes
Caustic Soda	10%	75	yes	no	yes	Potassium Sulfide	Sat'd	75	yes	no	yes
Caustic Potash	35%	75	yes	no	yes	Potassium Thiosulfate	Sat'd	75	yes	no	yes
Caustic Potash	10%	75	yes	no	yes	Propyl Alcohol	Sat'd	75	yes	no	yes
Chlorine Water	Sat'd	75	yes	no	yes	Rhodium Plating Solution	Sat'd	75	yes	no	yes
Chromium Plating Solution	Any	75	yes	no	yes	Silver Plating Solution	Sat'd	75	yes	no	yes
Citric Acid	Sat'd	75	yes	no	yes	Soaps	Any	75	yes	no	yes
Copper Chloride (Cupric)	Sat'd	75	yes	no	yes	Sodium Acid Sulfate	Sat'd	75	yes	no	yes
Copper Cyanide Plating Sol (High Speed)	Any	75	yes	no	yes	Sodium Antimonate	Sat'd	75	yes	no	yes
(with Alkali Cyanides)	Sat'd	75	yes	no	yes	Sodium Bicarbonate	Sat'd	75	yes	no	yes
Copper Sulfate	Sat'd	75	yes	no	yes	Sodium Bisulfite	Sat'd	75	yes	no	yes
Cococan Oil	Sat'd	75	yes	yes	yes	Sodium Chloride	Sat'd	75	yes	no	yes
Cottonseed Oil	Sat'd	75	yes	yes	yes	Sodium Cyanide	Sat'd	75	yes	no	yes
Disodium Phosphate	Sat'd	75	yes	no	yes	Sodium Dichromate	Sat'd	75	yes	no	yes
Ethyl Alcohol	Any	75	yes	no	yes	Sodium Hydroxide	10%	75	yes	no	yes
Ethylene Glycol	Any	75	yes	yes	yes	Sodium Hydroxide	35%	75	yes	no	yes
Ferric Chloride	45%	75	yes	no	yes	Sodium Hydroxide	73%	75	yes	no	yes
Ferrous Sulfate	Sat'd	75	yes	no	yes	Sodium Hypochlorite	Sat'd	75	yes	no	yes
Fluoboric Acid	Any	75	yes	no	yes	Sodium Sulfide	Sat'd	75	yes	no	yes
Formaldehyde	37%	75	yes	no	yes	Sodium Thiosulfate	Sat'd	75	yes	no	yes
Formic Acid	85%	75	yes	no	yes	Sulfuric Acid	15%	75	yes	no	yes
Gallic Acid	Sat'd	75	yes	no	yes	Sulfuric Acid	50%	75	yes	no	yes
Glucose	Any	75	yes	yes	yes	Sulfuric Acid	70%	75	yes	no	yes
Glue	Any	75	yes	no	yes	Sulfuric Acid	98%	75	yes	no	yes
Glycerine	Any	75	yes	yes	yes	Sulfurous Acid	2%	75	yes	no	yes
Gold Plating Solution	Any	75	yes	no	yes	Sulfurous Acid	6%	75	yes	no	yes
Hydrochloric Acid	10%	75	yes	no	yes	Tannic Acid	Sat'd	75	yes	no	yes
Hydrochloric Acid	21.5%	75	yes	no	yes	Tartaric Acid	Sat'd	75	yes	no	yes
Hydrochloric Acid	37.5%	75	yes	no	yes	Tin Chloride Aqueous	Sat'd	75	yes	no	yes
Hydrofluoric Acid	4%	75	yes	no	yes	Tin Plating Solution	Sat'd	75	yes	no	yes
Hydrofluoric Acid	10%	75	yes	no	yes	Triethanolamine	Sat'd	75	yes	no	yes
Hydrofluoric Acid	48%	75	yes	no	yes	Trisodium Phosphate	Sat'd	75	yes	no	yes
Hydrogen Peroxide	30%	75	yes	no	yes	Water	Sat'd	75	yes	no	yes
Hydrogen Sulfide	Sat'd	75	yes	no	yes	White Liquor		75	yes	no	yes
Hydroquinone	Any	75	yes	no	yes	Zinc Plating Solution		75	yes	no	yes
Indium Plating Solution	Any	75	yes	no	yes	Zinc Sulfate	Sat'd	75	yes	no	yes
Lactic Acid	50%	75	yes	no	yes						
Lactic Acid	Any	75	yes	no	yes						

PVC Coating Chemical Resistance Chart

Solutions	Conc.	Temp.	Recommended Exposure			Solutions	Conc.	Temp.	Recommended Exposure		
			Splashing Liquid Fumes						Splashing Liquid Fumes		
Acetic Acid	10%	120	no	no	no	Malic Acid	Any	90	yes	yes	yes
Acid Copper Plating Solution	160	yes	yes	yes		Methyl Alcohol	Any	90	yes	yes	yes
Alkaline Cleaners	160	yes	yes	yes	yes	Mineral Oils	Any	90	yes	yes	yes
Aluminum Chloride	Sat'd	160	yes	yes	yes	Nickel Acetate	Sat'd	160	yes	yes	yes
Aluminum Sulfate	Sat'd	160	yes	yes	yes	Nickel Plating Solution		160	yes	yes	yes
Alums	Sat'd	160	yes	yes	yes	Nickel Salts	Sat'd	160	yes	yes	yes
Ammonium Chloride	Sat'd	160	yes	yes	yes	Nitric Acid	35%	120	yes	no	yes
Ammonium Hydroxide	28%	120	yes	yes	yes	Nitric Acid	40%	90	yes	no	yes
Ammonium Hydroxide	10%	120	yes	yes	yes	Nitric Acid	60%	120	yes	no	yes
Ammonium Sulfate	Sat'd	160	yes	yes	yes	Nitric Acid/ Hydrofluoric Acid	4%	140	yes	yes	yes
Ammonium Thiocyanate	Sat'd	160	yes	yes	yes	Nitric Acid/ Sodium Dichromate	16%				
Amyl Alcohol	Any	90	yes	yes	yes	Water	13%	130	yes	yes	yes
Arsenic Acids	Any	150	yes	yes	yes	71%					
Barium Sulfide	Sat'd	120	yes	yes	yes	Oleic Acid	Any	90	yes	yes	yes
Black Liquor	Sat'd	90	yes	yes	yes	Oxalic Acid	Sat'd	120	yes	yes	yes
Benzoic Acid	Sat'd	160	yes	yes	yes		Any	90	yes	yes	yes
Brass Plating Solution	Any	160	yes	yes	yes	Phenol	Sat'd	120	no	no	no
Bromine Water	Sat'd	120	yes	yes	yes	Phosphoric Acid	75%	150	yes	yes	yes
Butyl Alcohol	Any	90	yes	yes	yes	Phosphoric Acid	85%	120	yes	yes	yes
Cadmium Plating Solution	Any	150	yes	yes	yes	Phosphoric Acid	85%	160	yes	yes	yes
Calcium Bisulfite	Any	150	yes	yes	yes	Potassium Acid Sulfate	Sat'd	150	yes	yes	yes
Calcium Chloride	Sat'd	160	yes	yes	yes	Potassium Antimonate	Sat'd	150	yes	yes	yes
Calcium Hypochlorite	Sat'd	120	yes	yes	yes	Potassium Bisulfite	Sat'd	90	yes	yes	yes
Carbonic Acid	Sat'd	160	yes	yes	yes	Potassium Chloride	Sat'd	160	yes	yes	yes
Casein	Sat'd	90	yes	yes	yes	Potassium Cuprocyanide	Sat'd	150	yes	yes	yes
Castor Oil	Any	90	yes	yes	yes	Potassium Cyanide	Sat'd	160	yes	yes	yes
Caustic Soda	35%	120	yes	yes	yes	Potassium Diachromate	Sat'd	160	yes	yes	yes
Caustic Soda	10%	150	yes	yes	yes	Potassium Hypochlorite	Sat'd	90	yes	no	yes
Caustic Potash	35%	120	yes	yes	yes	Potassium Sulfide	Sat'd	150	yes	yes	yes
Caustic Potash	10%	150	yes	yes	yes	Potassium Thiosulfate	Sat'd	150	yes	yes	yes
Chlorine Water	Sat'd	90	yes	yes	yes	Propyl Alcohol	Sat'd	150	yes	yes	yes
Chromium Plating Solution	Any	150	yes	yes	yes	Rhodium Plating Solution	Sat'd	150	yes	yes	yes
Citric Acid	Sat'd	160	yes	yes	yes	Silver Plating Solution	Sat'd	150	yes	yes	yes
Copper Chloride (Cupric)	Sat'd	160	yes	yes	yes	Soaps	Any	90	yes	yes	yes
Copper Cyanide Plating Sol	Any	160	yes	yes	yes	Sodium Acid Sulfate	Sat'd	160	yes	yes	yes
(High Speed)	Any	180	yes	yes	yes	Sodium Antimonate	Sat'd	150	yes	yes	yes
(with Alkali Cyanides)	Sat'd	160	yes	yes	yes	Sodium Bicarbonate	Sat'd	160	yes	yes	yes
Copper Sulfate	Sat'd	160	yes	yes	yes	Sodium Bisulfite	Sat'd	90	yes	yes	yes
Cocoonut Oil	Sat'd	90	yes	yes	yes	Sodium Chloride	Sat'd	160	yes	yes	yes
Cottonseed Oil	Sat'd	90	yes	yes	yes	Sodium Cyanide	Sat'd	160	yes	yes	yes
Disodium Phosphate	Sat'd	160	yes	yes	yes	Sodium Dichromate	Sat'd	160	yes	yes	yes
Ethyl Alcohol	Any	90	yes	yes	yes	Sodium Hydroxide	10%	150	yes	no	yes
Ethylene Glycol	Any	90	yes	no	yes	Sodium Hydroxide	35%	120	yes	no	yes
Ferric Chloride	45%	120	yes	yes	yes	Sodium Hydroxide	73%	160	no	no	no
Ferrous Sulfate	Sat'd	150	yes	yes	yes	Sodium Hypochlorite	Sat'd	90	yes	no	yes
Fluoboric Acid	Any	150	yes	yes	yes	Sodium Hypochlorite	15%	120	yes	no	yes
Formaldehyde	37%	120	yes	yes	yes	Sodium Sulfide	Sat'd	150	yes	yes	yes
Formic Acid	85%	100	no	no	no	Sodium Thiosulfate	Sat'd	150	yes	yes	yes
Gallic Acid	Sat'd	150	no	no	yes	Sulfuric Acid	15%	120	yes	yes	yes
Glucose	Any	150	yes	yes	yes	Sulfuric Acid	15%	160	yes	yes	yes
Glue	Any	150	yes	yes	yes	Sulfuric Acid	50%	120	yes	yes	yes
Glycerine	Any	90	yes	yes	yes	Sulfuric Acid	70%	90	yes	no	yes
Gold Plating Solution	Any	150	yes	yes	yes	Sulfuric Acid	98%	100	no	no	yes
Hydrochloric Acid	10%	120	yes	no	yes	Sulfurous Acid	2%	120	yes	no	yes
Hydrochloric Acid	21.5%	120	yes	no	yes	Sulfurous Acid	6%	120	yes	no	yes
Hydrochloric Acid	37.5%	120	yes	no	yes	Tannic Acid	Sat'd	90	yes	yes	yes
Hydrochloric Acid	Hydrochloric Acid	37.5%	90	yes	no	Tartaric Acid	Sat'd	90	yes	yes	yes
Hydrofluoric Acid	4%	140	yes	no	yes	Tin Chloride Aqueous	Sat'd	150	yes	yes	yes
Hydrofluoric Acid	10%	120	yes	no	yes	Tin Plating Solution	Sat'd	150	yes	yes	yes
Hydrofluoric Acid	48%	120	yes	no	yes	Triethaneolamine	Sat'd	150	yes	yes	yes
Hydrogen Peroxide	30%	120	yes	yes	yes	Trisodium Phosphate	Sat'd	150	yes	yes	yes
Hydrogen Sulfide	Sat'd	120	yes	yes	yes	Water	Sat'd	160	yes	yes	yes
Hydroquinone	Any	90	yes	yes	yes	White Liquor		90	yes	yes	yes
Indium Plating Solution	Any	150	yes	yes	yes	Zinc Plating Solution		160	yes	yes	yes
Lactic Acid	50%	120	yes	yes	yes	Zinc Sulfate	Sat'd	160	yes	yes	yes
Lactic Acid	Any	90	yes	yes	yes						
Lead Plating Solution	Any	150	yes	yes	yes						