

Chemical Resistance in General use for Clear Acrylic Plastic

R = Resistant (Compatible)

L = Limited Resistance (Short Time Compatibility)

N = Not Resistant (Not Compatible)

Paints		Metanol, to 30%	I	Rubber	R
Acrylic Paints and Lacquers	L	Methyl Ethyl Ketone	N	Rubber, Containing Plasticizer	N
Aromatic-Free Hydrocarbons	R	Metylated Spirits	N	Foodstuff, Spices	
Nitrocellulose	N	Milk of Lime	R	Aniseed, Bay, Nutmeg	R
Oil Paints, Pure	R	Monobromonaphthalene	R	Cloves	N
Thinners, General	N	Motor Fuel, Benzene Free	R	Honey, Pure	R
Chemical Process Baths		Motor Fuel, with Benzene	N	Ice Cream	R
Electroplating Baths	R	Nickel Sulphate	R	Marinades	R
Photographic Baths	R	Nitric Acid, 10%	R	Meat and Fish	R
Building Materials		Nitric Acid, 40%	L	Pepper, Cinnamon, Onions	R
Bituminous Emulsion	N	Nitric Acid, Conc.	N	Salt	R
Cement	R	Oxalic Acid	R	Gases and Vapors	
Hot Bitumen	L	Parrafin	L	Ammonia	R
Mortar	R	Perchloryethylene	N	Bromine Vapor (Dry)	L
Plaster of Paris	R	Petroleum Ether	R	Carbon Dioxide	R
Red Lead	R	Phenols	N	Carbon Monoxide	R
Chemicals, Solvents, Etc.		Phosphoric Acid, to 10%	R	Chloride Vapor (Dry)	L
Acetic Acid, to 25%	L	Phosphorus Trichloride	N	Exhaust Gases, Containing HCl	R
Acetone	N	Phosphorus, Yellow	N	Exhaust Gases, Containing HF	R
Aluminum Chloride	R	Picric Acid, 1% in Water	R	Exhaust Gases, Containing H ₂ SO ₄	R
Aluminum Oxalate	R	Potassium Bichromate	R	Hydrogen Sulphide	R
Aluminum Sulphate	R	Potassium Carbonate	R	Methane	R
Ammonia, Aqueous Solution	R	Potassium Chloride	R	Nitric Oxide	R
Ammonium Sulphate	R	Potassium Cyanide	R	Nitrogen Peroxide	R
Amyl Acetate	N	Potassium Hydroxide	R	oxygen	R
Anitine	N	Potassium Nitrate	R	Ozone	R
Arsenic	R	Potassium Permanganate	R	Sulphur Dioxide (Dry)	R
Arsenic Acid	R	Silicon Tetrachloride	N	Natural Gas (Butane)	R
Battery Acid	R	Silver Nitrate	R	Freon TG*	N
Benzaldehyde	N	Soap Solution	R	Freon TF*	R
Benzene	N	Soda	R	Beverages, Etc.	
Bromine	N	Sodium Bisulphite	R	Beer, Wine	R
Butanol	L	Sodium Carbonate, 20%	R	Chamomile Extract	R
Butyl Lactate	N	Sodium Chlorate	R	Chocolate	R
Butyric Acid, to 5%	R	Sodium Chloride, 10%	R	Fruit Juice, Milk, Coffee	R
Calcium Chloride	R	Sodium Hydroxide, 60%	R	Spirits, to 30%	R
Calcium Hypochlorite	R	Sodium Hypochlorite, 5%	R	Vinegar	R
Carbon Disulphide	N	Sodium Sulphate	R	Water, Mineral Water	R
Carbon Tetrachloride	N	Sodium Sulphide	R	Glycerol	R
Chlorinated Hydrocarbons	N	Stearic Acid	R	Hair Setting Lotion	R
Chlorine, Liquid	N	Sulphur	R	Nail Varnish	N
Chlorine Water	L	Sulphur Dioxide, Liquid	N	Nail Varnish Remover	N
Chlorethyl Acetate	N	Sulphuric Acid, to 30%	R	Ointments	R
Chlorophenol	N	Sulphurous Acid, Conc.	N	Peat Water	R
Chromic Acid	L	Sulphurous Acid, to 5%	R	Seat Water	R
Citric Acid, to 20%	R	Sulphuryl Chloride	R	Soaps	R
Copper Sulphate	R	Tartaric Acid, to 50%	R	Sprays	L
Cresol	N	Thionyl Chloride	N	Cleaning Agents	
Cyclohexane	R	Tin Chloride	R	Acids, See Under Chemicals	-
Diacetone Alcohol	N	Toluene	N	Alcohol, Absolute	N
Diamyl Phthalate	L	Triethylamine	R	Alcohol, to 30%	R

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Dibutyl Phthalate	N	Trichloroacetic Acid	N	Alkalis, See Under Chemicals	-
Diethylene Glycol	R	Tricresyl Phosphate	R	Ammonia	R
Dioxan	N	Turpentine	L	Aqueous Hypochlorite Solution	R
Ether	N	Turpentine Substitute	L	Carbon Tetrachloride	N
Ethyl Acetate	N	Urea, to 20%	R	Methylated Spirits	N
Ethyl Alcohol, Absolute	N	Xylene	N	Paraffin	L
Ethyl Alcohol, to 30%	L	Zinc Sulphate, Aqueous	R	Perchloroethylene	N
Ethyl Bromide	N	Zinc Sulphate, Solid	R	Petrol, Pure	R
Ethyl Butyrate	N	Disinfectants		Petrol Mixture, Containing Benzene	N
Ethylene Dichloride	N	Bleaching Powder	R	Petroleum Ether	R
Ferric Chloride	R	Carbolic Acid	N	Soap Solution	R
Ferrous Sulphate	R	Hydrogen Peroxide, to 40%	R	Soda Solution	R
Formic Acid, to 2%	R	Hydrogen Peroxide, over 40%	L	Solvent Stain Removers	N
Formic Acid, to 40%	L	Iodine Tincture 5%	N	Trichloroethylene	N
Glycerol	R	Lugol Solution	R	Turpentine	L
Glycol	R	Mercuric Chloride	R	Turpentine Substitute	L
Heptane	R	Surgical Spirit	N	Pest Control Agents	
Hexane	R	Greases, Oils, Waxes		Aqueous Solutions of Pesticides	L
Hydrochloric Acid	R	Animal	R	Stable Spray-New	R
Hydrogen Peroxide, 3%	R	Mineral	R	Sprays (for Direct Spraying)	L
Hydrogen Peroxide, 28%	L	Silicone Oil	L	Miscellaneous	
Iodine	R	Vegetable	L	Blood	R
Isopropyl Alcohol, to 50%	L	Plastics		Saline Solution	R
Lactic Acid, to 80%	L	Foams	R	Urine	R
Magnesium Chloride	R	Foams, Containing Plasticizer	N		
Magnesium Sulphate	R	Polyamide	R		
Manganese Sulphate	R	Polyethylene	R		
Mercury	R	PVC	R		
Methanol, Absolute	N	PVC, Plasticized	N		

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