

An **AcuityBrands** Company

Certain chemicals that may exist in end-user locations release airborne contaminants that can impact the integrity and safety of key fixture components that contain acrylic material. Immediate damage may occur such as crazing, cracking, permeation losses and mechanical failure. Products with visually noticeable deterioration have diminished integrity and must be replaced immediately with a more suitable product for the application.

This table identifies the most common chemicals and is not intended to be all-inclusive. Exposure to compounds identified as "Not Acceptable" will void all warranties associ-

Catalog Number	
Notes	Type

# Acrylic & Polycarbonate Compatibility

ated with the product. Acrylic components should not be used in areas where these chemicals are used and where these chemicals become mists or airborne vapors. Ensure that chemical interactions are considered when selecting fixtures. For additional information please consult an authorized factory representative.

NOT ACCEPTABLE		
Acetaldehyde, 100%	Dibutyl Sebacate	Petroleum Ether (100-120C)
Acetates	Diethyl Ether	Phenois
Acetic Acid, Glacial, 100%	Dimethyl Formamide	Phenol, Aqueous, 5%
Acetic Anhydride	Diocetyl Sebacate	Phosphoric Acid, 95% @ 20C
Acetone	Dioxane	Phthalates
Acetonitrile	Ether	Polyalkylene Glycol
Acetophenone	Ethyl Acetate	Pyridine
Acrylic Paints	Ethyl Alcohol, Concentrated	Sodium Carbonate, 2%
Alcohol, Allyl	Ethyl Bromide	Sodium Carbonate, 20%
Alcohol, Amyl	Ethyl Butyrate	Sodium Phosphate
Alcohol, Benzyl	Ethylene Bromide	Sulfur Dioxide, Liquid
Alcohol, Ethyl, 100%	Ethylene Dibromide	Sulfuric Acid, 98%
Alcohol, Ethyl, 50%	Ethylene Oxide (Moist)	Sulfurous Acid, Concentrated
Alcohol, Isopropyl, 100%	Glass Cleaners	Tincture of Iodine, 5%
Alcohol, Methyl, 10%	Glycol	Toluene
Alcohol, Methyl, 100%	Hydrogen Peroxide, 28%	Transformer Oil
Alcohol, Methyl, 50%	Hydrogen Peroxide, 3%	Trichloroethane
Alcohol, N-Butyl	Iron Perchloride	Trichloroacetic Acid
Amyl Acetate	Isoctane	Trichloroethylene
Aniline	Isopropyl Alcohol	Triethanolamine
Aviation Fuel (100 Octane)	Lacquer Thinner	Turpentine
Benzaldehyde	Lactic Acid Butyl Ester	Unleaded Gasoline
Benzene	Mercury Chloride	Vegetable Oil
Benzoic Aldehyde	Meta-Cresol	Xylene
Brake Fluid	Methanol, 15%	
Bromine Gas	Methanol, Concentrated	
Butanol	Methyl Benzoate	
Butraldehyde	Methyl Chloride	
Butyl Acetyl Ricinoleate	Methyl Cyclohexanol	
Butyl Stearate	Methyl Ethyl Ketone	
Carbolic Acid	Methyl Naphthalene	
Carbon Disulfide	Methyl Salicylate	
Carbon Disulfide	Methylamine	
Cellulose Paints	Methylene Dichloride	
Chlorinated Hydrocarbons	Mineral Oil	
Chlorinated Solvents	Motor Fuel Mixture, with Benzene	
Chlorine Gas	Nail Polish	
Chlorophenol	Naphtha	
Chromic Acid, 40%	N-Butyric Acid, 100%	
Cloves	Nitric Acid, 40%	
Cosmoline Removers	Nitric Acid, 70%	
Cresol	Nitrobenzene	
Cyclohexane	N-Octane	
Cyclohexanone	Organic Solvents	
Cyclohexene	Paint Removers	
Detergent Solution	Paint Thinner	
Diacetone Alcohol	Perchlorethylene	
Diamyl Phthalate		

ACCEPTABLE	
2-Ethylhexyl Sebacate	Nitrogen Monoxide Gas
Acetic Acid 5%	Olefric Carbolic Acids
Ammonia-based Cleaners	Oleic Acid
Ammonia Gas	Olive Oil
Ammonium Hydroxide, 28%	Oxalic Acid, 100%
Ammonium Nitrate	Oxygen Gas
Ammonium Phosphate	Ozone Gas
Aniseed, Bay Leaves, Nutmeg	Paraffin, Medicinal
Anti-freeze	Pepper, Cinnamon, Onions
Beer	Phosphoric Acid, 10% @ 20C
Bleaching Power Paste	Photographic Baths
Bleaching Powder Solution, 2%	Polishing Compounds
Calcium Hypochlorite	Potassium Chlorate
Car Wash Detergent	Potassium Cyanide
Carbon Dioxide Gas	Potassium Dichromate, 10%
Carbon Monoxide Gas	Potassium Hydroxide @ 20C
Caustic Potash	Potassium Permanganate
Chlorine Based Cleaners	Potassium Sulfite
Chlorine, Aqueous, 2%	Power Steering Fluid
Citric Acid, 10%	Propylene
Coffee	Pure-oil Paints
Cooking Oil	Silicone Oil
Cottonseed Oil	Silver Nitrate
Diethylene Glycol	Soap Suds
Epoxy Adhesives	Soda
Ethyl Alcohol, 15%	Sodium Chloride, 10%
Ethylene Glycol E	Sodium Cyanide
Ethylene Oxide (Dry)	Sodium Fluoride
Ferric Chloride, Aqueous, 10%	Sodium Hydroxide, 60%
Formaldehyde, Aqueous, 40%	Sodium Nitrate
Fruit Juice	Sodium Thiosulphate, 40%
Glycerol	Stearic Acid
Heptane	Sulfur Dioxide, Dry Gas
Hexane	Sulfuric Acid, 30%
Hydrochloric Acid, 38%	Sulfurous Acid, 5%
Kerosene	Tararic Acid, 50%
Lactic Acid	Transmission Fluid
Metal Carbonates	Tricresyl Phosphate
Metal Chlorides	Triethyl Amine
Metal Sulfates	Vinegar
Methane Gas	Water, Mineral Water
Milk	Wax Polish
Milk, Chocolate	White Spirit
Motor Fuel Mixture, without Benzene	Whitewash
Motor Oil	Wine
Natural Gas	
Nitric Acid, 10%	
Nitrogen Dioxide Gas	

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