

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-

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|----------------|------|
| 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 | | | ACCEPTABLE | |
|----------------------------|----------------------------------|------------------------------|-------------------------------------|----------------------------|
| Acetaldehyde, 100% | Dibutyl Sebacate | Petroleum Ether (100-120C) | 2-Ethylhexyl Sebacate | Nitrogen Monoxide Gas |
| Acetates | Diethyl Ether | Phenois | Acetic Acid 5% | Olefric Carboic Acids |
| Acetic Acid, Glacial, 100% | Dimethyl Formamide | Phenol, Aqueous, 5% | Ammonia-based Cleaners | Oleic Acid |
| Acetic Anhydride | Dioctyl Sebacate | Phosphoric Acid, 95% @ 20C | Ammonia Gas | Olive Oil |
| Acetone | Dioxane | Phthalates | Ammonium Hydroxide, 28% | Oxalic Acid, 100% |
| Acetonitrile | Ether | Polyalkylene Glycol | Ammonium Nitrate | Oxygen Gas |
| Acetophenone | Ethyl Acetate | Pyridine | Ammonium Phosphate | Ozone Gas |
| Acrylic Paints | Ethyl Alcohol, Concentrated | Sodium Carbonate, 2% | Aniseed, Bay Leaves, Nutmeg | Paraffin, Medicinal |
| Alcohol, Allyl | Ethyl Bromide | Sodium Carbonate, 20% | Anti-freeze | Pepper, Cinnamon, Onions |
| Alcohol, Amyl | Ethyl Butyrate | Sulfur Dioxide, Liquid | Beer | Phosphoric Acid, 10% @ 20C |
| Alcohol, Benzyl | Ethylene Bromide | Sulfuric Acid, 98% | Bleaching Power Paste | Photographic Baths |
| Alcohol, Ethyl, 100% | Ethylene Dibromide | Sulfurous Acid, Concentrated | Bleaching Powder Solution, 2% | Polishing Compounds |
| Alcohol, Ethyl, 50% | Ethylene Oxide (Moist) | Tincture of Iodine, 5% | Calcium Hypochlorite | Potassium Chlorate |
| Alcohol, Isopropyl, 100% | Glass Cleaners | Toluene | Car Wash Detergent | Potassium Cyanide |
| Alcohol, Methyl, 10% | Glycol | Transformer Oil | Carbon Dioxide Gas | Potassium Dichromate, 10% |
| Alcohol, Methyl, 100% | Hydrogen Peroxide, 28% | Trichloroethane | Carbon Monoxide Gas | Potassium Hydroxide @ 20C |
| Alcohol, Methyl, 50% | Hydrogen Peroxide, 3% | Trichloroethylene | Caustic Potash | Potassium Permanganate |
| Alcohol, N-Butyl | Iron Perchloride | Trichloroacetic Acid | Chlorine Based Cleaners | Potassium Sulfite |
| Amyl Acetate | Isocetane | Triethanolamine | Chlorine, Aqueous, 2% | Power Steering Fluid |
| Aniline | Isopropyl Alcohol | Turpentine | Citric Acid, 10% | Propylene |
| Aviation Fuel (100 Octane) | Lacquer Thinner | Unleaded Gasoline | Coffee | Pure-oil Paints |
| Benzaldehyde | Lactic Acid Butyl Ester | Vegetable Oil | Cooking Oil | Silicone Oil |
| Benzene | Mercury Chloride | Xylene | Cottonseed Oil | Silver Nitrate |
| Benzoic Aldehyde | Meta-Cresol | | Diethylene Glycol | Soap Suds |
| Brake Fluid | Methanol, 15% | | Epoxy Adhesives | Soda |
| Bromine Gas | Methanol, Concentrated | | Ethyl Alcohol, 15% | Sodium Chloride, 10% |
| Butanol | Methyl Benzoate | | Ethylene Glycol E | Sodium Cyanide |
| Butraldehyde | Methyl Chloride | | Ethylene Oxide (Dry) | Sodium Fluoride |
| Butyl Acetyl Ricinoleate | Methyl Cycohexanol | | Ferric Chloride, Aqueous, 10% | Sodium Hydroxide, 60% |
| Butyl Stearate | Methyl Ethyl Ketone | | Formaldehyde, Aqueous, 40% | Sodium Nitrate |
| Carboic Acid | Methyl Naphthalene | | Fruit Juice | Sodium Thiosulphate, 40% |
| Carbon Disul de | Methyl Salicyclate | | Glycerol | Stearic Acid |
| Carbon Disulfide | Methylamine | | Heptane | Sulfur Dioxide, Dry Gas |
| Cellulose Paints | Methylene Dichloride | | Hexane | Sulfuric Acid, 30% |
| Chlorinated Hydrocarbons | Mineral Oil | | Hydrochloric Acid, 38% | Sulfurous Acid, 5% |
| Chlorinated Solvents | Motor Fuel Mixture, with Benzene | | Kerosene | Tararic Acid, 50% |
| Chlorine Gas | Nail Polish | | Lactic Acid | Transmission Fluid |
| Chlorophenol | Naphtha | | Metal Carbonates | Tricresyl Phosphate |
| Chromic Acid, 40% | N-Butyric Acid, 100% | | Metal Chlorides | Triethyl Amine |
| Cloves | Nitric Acid, 40% | | Metal Sulfates | Vinegar |
| Cosmoline Removers | Nitric Acid, 70% | | Methane Gas | Water, Mineral Water |
| Cresol | Nitrobenzene | | Milk | Wax Polish |
| Cyclohexane | N-Octane | | Milk, Chocolate | White Spirit |
| Cyclohexanone | Organic Solvents | | Motor Fuel Mixture, without Benzene | Whitewash |
| Cyclohexene | Paint Removers | | Motor Oil | Wine |
| Detergent Solution | Paint Thinner | | Natural Gas | |
| Diacetone Alcohol | Perchlorethylene | | Nitric Acid, 10% | |
| Diamyl Phthalate | | | Nitrogen Dioxide Gas | |

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Lighting