Chemical Resistance of Solarkote® H Acrylic Capstock Resins

Solarkote® acrylic capstock resins have good resistance to a variety of common cleaners and application environments. The chemical resistance of Solarkote acrylic capstock resins will vary with the stress level, temperature, reagent, duration of exposure and resin grade. Altuglas International recommends that parts made from Solarkote resins be tested with all reagents under appropriate conditions for the end-use application.

In general, the following chemicals may be safely used with parts made from Solarkote acrylic capstock resins under moderate stress at ambient temperature conditions:

- Calgon® Bath Oil
- Clorox® Bleach
- Formula 409® Cleaner
- Freon® TF Cleaner
- Glass Plus® Cleaner
- Liquid Comet® Cleaner
- Mineral Oil
- Mr. Clean® Cleaner
- Propylene Glycol
- Soap and Water
- Sodium Hydroxide
- Sodium Hypochlorite
- Soft Scrub® Cleanser
- Spic and Span® Powder

The following chemicals may be used with caution in low-stress and/or short-duration exposure at ambient conditions:

- Ammonia
- Chlorine (10%)
- Ethyl Alcohol (<40%)
- Fantastik® Cleaner
- Gasoline
- Isopropyl Alcohol (<50%)
- Kerosene
- Lyso® Basin, Tub
- Pine-sol® Cleaner
- VM&P Naphtha

The following chemicals may cause crazing, cracking, discoloration, or dissolving of acrylic articles and are generally not recommended:

- Acetic Acid
- Acetone
- Aromatic Solvents
- Benzene
- Brake Fluid
- Butyl Alcohol
- Chlorinated Solvents
- Isopropyl Alcohol (>50%)
- Lacquer Thinner
- Lestoil® Cleaner
- Lyso® Spray Disinfectant
- Sulfuric Acid
- Toluene
- Turpentine
- White Cap® Cleaner
- Xylene

[Image]
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