

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:

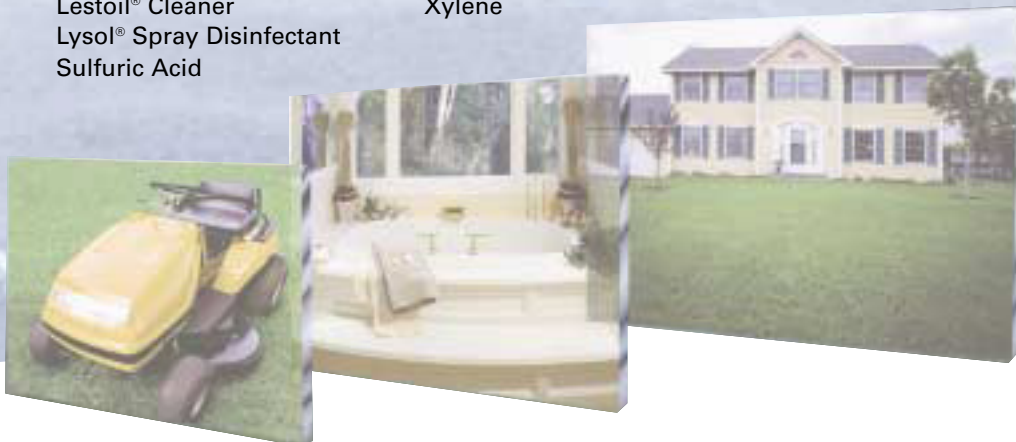
Calgon [®] Bath Oil	Liquid Comet [®] Cleaner	Sodium Hydroxide
Clorox [®] Bleach	Mineral Oil	Sodium Hypochlorite
Formula 409 [®] Cleaner	Mr. Clean [®] Cleaner	Soft Scrub [®] Cleanser
Freon [®] TF Cleaner	Propylene Glycol	Spic and Span [®] Powder
Glass Plus [®] Cleaner	Soap and Water	

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

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

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

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



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See MSDS for Health & Safety Considerations

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Solarkote acrylic resin is a combustible thermoplastic. Observe fire precautions appropriate for comparable forms of wood and paper. For building uses, check code approvals. Impact resistance is a factor of thickness. Avoid exposure to heat or aromatic solvents. Clean with soap and water. Avoid abrasives.

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