

Maintenance & Disinfecting of Acrylics

Proper care will prevent surface damage & loss of transparency

Basics of Acrylic Cleaning and Polishing

Our practical experience may disagree with the 'experts', but we have used these procedures, in our own factory, for over 40 years.

NEVER USE: Mirror and/or Glass Cleaning sprays (*like Windex*), kitchen scouring compounds, or solvents (*such as alcohol, benzine, ammonia or paint thinner*). These are the natural enemy of acrylic.

ONLY USE: a clean very soft cloth for cleaning and Polishing. These include: micro fiber cloths (*they work best*), Handi-Wipes®, white flannel, or an old 100% cotton 'T' shirt.

NEVER USE: Paper towels or rags (*especially dirty ones*)

Normal Cleaning

Remove light smudges, finger prints or dust by using **Plain Water** on a very **Lightly Dampened Cloth**. Gently wipe the surface. Then use a Second 'Dry' Cloth to complete the job.

Polishing

A surface gloss can be maintained by using a high quality plastic cleaner and polish, such as Lemon Pledge®, or Novus#1. First lightly dampen a cloth with cleaner, then finish by wiping with a second clean dry cloth.



Extreme Dirt

Use a mild dish soap and plenty of lukewarm water. Use a soft cloth to wipe the surface, apply only light pressure. Rinse off all soap with clear water (*this can be difficult with large pieces unless you have a hose nearby*). Dry with a second dry soft cloth.

Scratches

If you can feel it with your fingernail, leave it to a professional. Light surface scratches may be removed using Novus #2 and/or Novus #3, then proceed to Polishing Step

Disinfecting Acrylic

We have no practical experience, but we do know that acrylic doesn't like certain chemicals unless diluted properly.

Wear disposable gloves when cleaning and disinfecting surfaces. Gloves should be discarded after each use.

Allow a sufficient amount of contact time (as listed below) when applying the disinfectant. If the contact lasts for less than the time recommended, the surface will not be thoroughly disinfected.

BLEACH

Make solution by mixing household bleach and water
(4 teaspoons per quart of water)
(5 tablespoons per gallon of water).
Suggested use by bleach manufacturer (typically 5 minutes minimum contact time).

ALCOHOL (70%)

Diluted with water
(1 Cup per 2 Cups of water)
(5 Cups to gallon jug and fill with water)
Fast acting.
Allow alcohol to remain on surface a minimum of 30 seconds to disinfect

HYDROGEN PEROXIDE

Use 3-5% hydrogen peroxide
Do not dilute
Allow to remain on the surface a minimum of 6-8 minutes to disinfect

NEVER USE: Alcohol based wipes or Alcohol (70%) straight out of the bottle. Lysol®, or other disinfecting sprays (*unless you have tested these in a small unobtrusive corner of the shield*)



SharperUniforms.com
(ph) 1-877-284-1761
(fax) 781-790-1266
159 Overland Road
Waltham, MA 02451