Acrylic Based Solid Surface
Repair Kit Instructions

For "spot" repairs on your countertop or over-all surface renewal of your solid surface <u>sink</u> – not meant for stone, engineered stone, Formica®, laminates, wood or metal surfaces. Kit will remove scratches, stains and burns. It will not remove cracks. For large areas, we recommend using appropriate power tools and our abrasives in disc form so that the entire countertop surface is blended. See our website for details or contact our sales department.

Contents from COARSE TO FINE: MICRO-MESH® Aluminum Oxide 3" x 4" Soft Touch Pads:

300 – Off white	1500 - peach	12000 - gray
600 - yellow	2400 – lilac	2 oz. Bottle Micro-Gloss® Polish
800 - green	4000 - light blue	

Keep MICRO-MESH® clean; contamination can cause scratches. When repair is complete, rinse MICRO-MESH®, allow to air dry and return to the original packaging. MICRO-MESH® is re-useable!

Part 1 - General Guidelines for the use of Micro-Mesh® on Solid Surface Countertops

1. **All of the original damage must be removed on Step 1.** This is very important.
2. After you have removed all of the original damage, **expect the repair area to look worse**. The repair area will be lighter in color and cloudy. You had to put in a larger scratch in order to remove that damage. You will continue to reduce the size of the scratch and restore the luster and color in each subsequent step here after.
3. Do not use water for this process. Any water coming in contact with the damaged area will fill in and hide scratches that you need to be able to see in order to fully remove them. Be sure to work in an area with bright light.

Part II – Instructions

1. Determine the extent of the damage. If your counter is satin, gloss or high gloss and only slightly damaged, begin in the higher (finer) grades, 1500 or 2400. If the counter has more severe damage begin with the coarser pads. Do not choose a pad that is coarser than it needs to be. The coarser the pad you start with, the more steps will be required. Lessen your steps as much as possible. Lay out all of the pads from coarse to fine using the color codes given above and check off each grit as you go so you know where you're at in the process.

2. Begin by sanding at a **90⁰ angle across from the damage**. Sand in a straight-line pattern. Do not sand in a circular motion. Check damage removal after each step. Sand for 2-3 minutes per step or until the scratch you are trying to remove is completely gone. Wipe the surface clean with a soft dry cloth and closely inspect your work to make sure all of the scratch is gone before continuing. If the scratches are not completely removed, step by step, the finish will have a hazy appearance at the end and you will not know on which step you left those scratches in. It is important to closely inspect after each step.

3. <u>If damage has been completely removed</u> proceed to the next finest pad, sanding opposite what your last step was. By sanding opposite the previous step, you will be able to notice any scratches that are left behind. Continue up thru the grades, using finer and finer grades of abrasive until you have matched the original finish as much as possible.

   If the damage was not completely removed you can try to spend more time using the same grit, or you can back up to a coarser grit pad. Be sure not to skip steps.

   EXAMPLE: *You began with **600** and realized you were not removing the original damage. You then go to the 300 and successfully remove the damage.* <u>*After the 300, you will then again use the **600**, then 800, then 1500, etc.*</u>

   IMPORTANT! Check surface for correct finish, make sure the repair area is blending with the existing surface finish.

4. If more gloss is required you can use the included polish. Be sure to shake the bottle well prior to using. Apply a dime size amount to the area and buff into the surface using a clean, **DAMP**, cloth.

Because you have changed the surface texture of your countertop, light will reflect off the repair area more than the rest, even though the scratches are gone. This cannot be avoided. If you are still not satisfied with your countertop after using this kit, it will be necessary to have the entire countertop refinished by sanding it down. This can be achieved with the proper random orbital sander and our sanding discs. Please contact us for more information. You can also contact a countertop fabricator in your area to come in and sand it down for you.

This kit is perfect for removing scratches and stains from your solid surface sink. Because a sink is a small area to restore, you will not have the blending issues you would have using it on your countertop. Practicing with this kit in your sink is also a good idea before using it on your countertop. The more comfortable you are with the product and how it works, the more successful your outcome will be.

For more information, please contact Micro-Surface Finishing Products Inc. at 800-225-3006 or 563-732-3240 for assistance or thru www.facebook.com/microsurface.

Micro-Mesh® is a registered trademark of Micro-Surface Finishing Products, Inc.
Manufactured in Wilton, Iowa, USA
www.micro-surface.com