

## HAND SANDING

**Use the proper tool for the best result.** Our foam sanding blocks are just the right amount of firmness to provide you with the best finish possible when using MICRO-MESH™ by hand.

Wrap MICRO-MESH™ firmly around our foam block and hold it in place in the palm of your hand. You will find that this durometer of foam is ergonomically easy to use and use of this foam block will extend the life of the MICRO-MESH™. This foam block prevents ripples and distortion from being left in the surface of the work piece.

Do not use excessive pressure when sanding with MICRO-MESH™. It is best to use firm, consistent pressure throughout the sanding process. Using excessive pressure works against the cushioning matrix of the abrasive, rendering it less effective. To achieve the best finish make sure to mist the work piece with water. Do not allow it to become dry. This will eliminate drag on the surface that can cause dullness.

**Tips for Success.** To avoid scratching the surface, do not wear watches, rings, or bracelets. Long fingernails should be covered with gloves.

Keep MICRO-MESH™ clean; contamination can cause scratches. When your restoral is complete, rinse MICRO-MESH® pieces, air dry, and return them to their original packaging. MICRO-MESH™ is reusable!

Avoid sharp edges. Sharp edges will greatly lessen life of the MICRO-MESH™.

**Which grit first?** Do not use a fine grade to do the work of a coarser grade. This will cause loading and lessen life of the abrasive. Experiment to find the correct start point. Use a grade that is coarse enough to remove the damage effectively but not so coarse that you will have to do additional steps. In other words, if you have damage that you're trying to remove, don't automatically use the coarsest grit you have on hand. You may be able to remove the damage by starting some where in the middle. Don't do a job requiring 3 steps in 6 steps. If your first choice of abrasive is too fine, back up until the damage is removed. MICRO-MESH™ is numerically graded. The higher the number, the finer the cutting action.

Use only 100% cotton flannel for wiping. Keep it clean, wash in warm soapy water, rinse, dry and return to the kit box.

**Do not work in a circular pattern.** Cross your sanding pattern at 90 degree angles from one step to the next to be sure of total removal of the previous sanding pattern. Incomplete removal will result in an incomplete restoral! Damage not removed with the beginning step will most likely remain after the process is complete.

To remove heavy damage from highly curved surfaces, it may be beneficial to sand in an alternating pattern of diagonally, horizontally and vertically, in a straight line motion. This will assist in achieving an even removal of material over the entire surface.

Thin plastic (1/8" or less) may develop surface distortion if sanding the surface creates heat. Work the surface slowly and work wet.

Check your scratch pattern frequently. It is helpful to set a bright light on the side opposite your restoral side. For better viewing on non-transparent surfaces, place the light at an angle.

## **DISTORTION**

It is always easier to prevent distortion than to remove it! There are two types of distortion that can be caused by the use of improper restoral methods, localized and surface. Localized distortion is caused by working one small spot and not blending the damage removal over a large enough area.

Surface distortion is almost always a sign of incomplete restoration. This could be the result of:

1. the incomplete removal of one sanding pattern before proceeding to the next step
2. not working a larger area with each new step
3. heat build-up
4. skipping steps
5. not cleaning the surface between steps

**IMPORTANT NOTICE:** Micro-Surface Finishing Products, Inc. ("Micro") MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. User is responsible for determining whether this product is fit for a particular purpose and suitable for user's method of application.

**LIMITATION OF REMEDIES AND LIABILITY:** If this product is proved to be defective, THE EXCLUSIVE REMEDY, AT MICRO'S OPTION, SHALL BE TO REFUND THE PURCHASE PRICE OF OR TO REPAIR OR REPLACE THE DEFECTIVE PRODUCT. Micro shall not otherwise be liable for loss or damages, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including negligence, warranty or strict liability.

060109  
Block TB