

POLISHED GRANITE/QUARTZ COUNTER CARE INSTRUCTIONS

These types of surface finishes look beautiful and can be very durable when protected and maintained properly. Polished granite is normally less porous than other surfaces. However, they are susceptible to staining. In addition, maintaining the cleanliness and polish are priorities. **Miracle Sealants Company** offers the most advanced system for the protection, maintenance and restoration of granite counters. **Miracle Sealants'** products and procedures, combined with three generations of industry knowledge will aid you in maintaining the timeless beauty of your granite counter.

POINTS OF INTEREST

Granite: Although normally a very hard surface, granite does require sealing with an impregnator. Normally granite will not be susceptible to acid etching.

- ↪ For best bacteria repellency, use **511 Impregnator**.
- ↪ For best oil repellency, use **511 Porous Plus**.
- ↪ For the best possible oil and water repellency while offering a darkening/color enhanced appearance, **511 Seal & Enhance** should be used.
- ↪ In any situation where no odor can be present, use **511 H2O+** for tile and grout protection.

NEW INSTALLATIONS

SAMPLE TESTING

Due to the differences of each surface, several inconspicuous test patches should be completed with each product to assure maximum performance. **USERS MUST DETERMINE THE SUITABILITY OF THE PRODUCT FOR THEIR INTENDED USE!** Read the label and product data sheet directions for all products completely before starting.

SEALING YOUR COUNTER

To insure the best possible installation and bacteria repellency, **511 Impregnator** should be applied as a grout release before the grouting process. **511 Impregnator** will resist dye absorption, facilitate grout residue removal (up to 45% faster), and offer superior stain resistance during the installation process. In some situations surfaces will require **511 Porous Plus** for best oil repellency. In any situation where no odor can be present, use **511 H2O+** for stone, tile and grout protection. **511 Quartz Counter Top Sealer** will make quartz stain resistant and easier to keep clean. **511 Sealants** are found to be chemically acceptable on surfaces where there is a possibility of incidental food contact by the U.S.D.A.

DIRECTIONS

Always test a small area to insure desired results. Do not dilute or thin at any time. Shake well.

Protect neighboring and adjacent surfaces of wood, carpet, metal, landscaping and other surfaces.

1. Sweep or vacuum all dust, dirt and surface debris. Insure the surface is clean, dry and free from contaminants.
2. **511** may be applied to damp surfaces 1 – 2 hours after standing water has been removed.
3. Apply an even application of **511** using a clean white towel or **MiraBrush Applicator & Tray**.
4. Saturate the surface getting the surface "Wet to the Eye" being careful not to allow **511** into the open ungrouted joints.
5. Allow **511** to dwell for 3 – 5 minutes.
6. Wipe or buff off any excess **511** before it dries on the surface with terry cloth towels.
7. Any excess **511** that has dried on the surface creating a residue/film, may be removed by reactivating the residue with **511 Impregnator** and immediately buffing dry with terry cloth towels.
8. If the residue has been on the surface for more than a few hours, use **Miracle Sealants' Residue Remover**. Apply directly to the surface and immediately buff or wipe dry with terry cloth towels.
9. For **511 H2O Plus**, use warm water and a soft scrub pad to remove excess.
10. Allow **511** to cure 6 – 12 hours before proceeding with the grouting process.
11. Grout the surface per manufacturer's specifications.
12. Clean all grout residue completely with a clean sponge and water.
13. Refer to the Product Data Sheet, SDS (Safety Data Sheet) & Label for complete instructions.

With some difficult surfaces it may be necessary to use **Miracle Sealants' HD Cleaner, HDAC (Heavy Duty Acidic Cleaner), Phosphoric Acid Cleaner, Epoxy Grout Film Remover** or **Finish Sealer Stripper** to completely remove all grout residue.

GROUT SEALING

Although grout can be treated with **511 Sealants** within an hour of grout residue removal, it is suggested to allow grout to cure per manufacturer's specification so as not to void any manufacturer warranty on the grout. For existing grout it is not necessary to wait.

GLOSSENHANCEMENT

For gloss enhancement on counters, use **Stone Polish** as directed. Spray **Stone Polish** on the surface and spread with a dry, clean white towel. Allow the **Stone Polish** to dry a haze. Remove the haze by buffing with a dry, clean white towel, micro fiber towel or **#1, #0, #00, #000**. This may be done by hand or with the appropriate machine. **Stone Polish** will not build up and can be used as often as necessary.

1. Simply apply **Stone Polish** on to the surface using a clean cloth.
2. Apply in circular motion to insure complete coverage.
3. Allow to dry to a haze (10 – 15 minutes).
4. Buff off using a clean dry cloth or steel wool.
5. Refer to the Product Data Sheet, SDS & Label for complete instructions.

∩ RESTORATION ∩

STAIN REMOVAL

For stain removal troubleshooting use **Poultice Plus** and refer to the **Miracle Sealants'** Stain Removal Guide for further information.

Always test a small area to insure desired results.

Protect neighboring and adjacent surfaces of wood, carpet, metal, landscaping and other surfaces.

1. Sweep or vacuum all dust, dirt and surface debris. Insure the surface is clean, dry and free from contaminants.
2. Mix **Poultice Plus** with the appropriate **MSC Cleaner** (refer to stain removal guide) into a peanut butter like paste.
3. Apply **Poultice Plus** paste to stain about 1/4" thick and overlap stain by 1/4".
4. Cover the **Poultice Plus** paste with plastic wrap.
5. Tape the plastic wrap to the surface using non-marking tape to create an "air tight" seal.
6. Allow to dry 24 – 48 hours or until completely dry to hard clay like paste.
7. Remove plastic wrap from stain.
8. Remove the residual powder/paste away using a wood spoon or plastic putty knife or spatula.
9. Rinse the area using distilled water.
10. Multiple applications may be necessary to remove stain entirely.
11. Finished area can be used for normal foot traffic in 1 – 2 hours.
12. Refer to the Product Data Sheet, SDS & Label for complete instructions.

HEAVY DUTY CLEANING & HARD WATER DEPOSITS & SOAP SCUM

Always test a small area to insure desired results.

Protect neighboring and adjacent surfaces of wood, carpet, metal, landscaping and other surfaces.

To remove hard water deposits, grout residue, efflorescence, rust and other heavy dirt and grime use **Miracle HD Cleaner**, **Liquid Poultice**, **Phosphoric Acid Cleaner**, **Heavy Duty Acidic Cleaner** or **Porcelain & Ceramic Tile Cleaner**.

Acid Sensitive Surfaces should be cleaned with **Miracle Sealants' Liquid Poultice**, a non-acidic deep cleaner designed specifically for acid sensitive stone surfaces. Use of **Liquid Poultice** will not affect the natural finish of the stone.

1. Sweep or vacuum all dust, dirt and surface debris. Insure the surface is clean, dry and free from contaminants.
2. Mix one part **Liquid Poultice Part A** with one part **Liquid Poultice Part B** with 2 equal parts warm water.
3. Wet the surface to be cleaned.
4. Apply **Liquid Poultice** solution using a soft brush, towel or mop.
5. Allow solution to dwell a minimum of 40 minutes while keeping the surface damp by adding cleaner as needed.
6. Agitate the surface with a soft brush periodically.
7. Remove excess with towels or wet vacuum.

8. Rinse with clean water.
9. On walls a fine mist may be applied and allowed to dry up to 72 hours.
10. Finished area can be used for normal foot traffic within 1 – 5 hours.
11. Refer to the Product Data Sheet, SDS & Label for complete instructions.

For hard water deposits and soap scum that may begin to develop in shower and bath surfaces use **Miracle Sealants' Porcelain & Ceramic Tile Cleaner**. Easy to use, and very effective **Porcelain & Ceramic Tile Cleaner** contains mild abrasives in a mild ammonia cleaner.

1. Sweep or vacuum all dust, dirt and surface debris. Insure the surface is clean, dry and free from contaminants.
2. Simply flip the top and squeeze some onto a soft, white scrub pad.
3. Scrub in circular motions, remove cleaner with a sponge or rags.
4. Rinse with water and dry the surface with a rag.
5. Finished area can be used for normal use in 1 – 2 hours.
6. Refer to the Product Data Sheet, SDS & Label for complete instructions.

For the most aggressive cleaning challenges use **Miracle Sealants' Heavy Duty Acidic Cleaner**, a strong hydrochloric acid cleaner. This product being acidic may affect the finish on some surfaces, even though most granites/quartz are not sensitive to acids.

1. Sweep or vacuum all dust, dirt and surface debris. Insure the surface is clean, dry and free from contaminants.
2. Mix one part **Heavy Duty Acidic Cleaner** with ten parts water (1:10). Do not use stronger than (1:3).
3. Wet surface to be cleaned with clean water.
4. Apply **Heavy Duty Acidic Cleaner** solution using a brush, towel or mop.
5. Allow solution to dwell 1 – 5 minutes while keeping the surface damp.
6. Agitate the surface with a brush.
7. Do not allow solution to dry on the surface.
8. Remove excess with towels or wet vacuum.
9. Rinse with one part **Tile & Stone Cleaner** with ten parts clean water (1:10) to insure complete neutralization.
10. Finished area can be used for normal use in 1 – 2 hours.
11. Refer to the Product Data Sheet, SDS & Label for complete instructions. For the little less

aggressive cleaning challenge use **Miracle Sealants' Phosphoric Acid Cleaner**.

1. Sweep or vacuum all dust, dirt and surface debris. Insure the surface is clean, dry and free from contaminants.
2. Mix one part **Phosphoric Acid Cleaner** with ten parts water (1:10). Do not use stronger than (1:3).
3. Wet surface to be cleaned with clean water.
4. Apply solution using a brush, towel or mop.
5. Allow solution to dwell 1 – 5 minutes while keeping the surface damp.
6. Agitate the surface with a brush.
7. Do not allow solution to dry on the surface.
8. Remove excess with towels or wet vacuum.
9. Rinse with one part **Tile & Stone Cleaner** with ten parts clean water (1:10) to insure complete neutralization.
10. Finished area can be used for normal use in 1 – 2 hours.
11. Refer to the Product Data Sheet, SDS & Label for complete instructions.

RESURFACING / REFINISHING

To refinish granite/quartz we recommend contacting a **stone care professional only!** Heavy restoration are the processes of removing the accumulation of scratches, etch marks and dull spots by sanding the stone with the appropriate abrasive pad. This is the same process utilized in many processing plants to achieve the factory finish. **A stone care professional only should complete this process!**

SPECIAL NOTE

Normal wear and tear will wear the factory finish through abrasion. Acids in fruit juices, coffee, wine, vinegar and many household cleaners may etch the surface or damage the factory finish even when treated with an Impregnator/ Penetrating Sealer.

η MAINTENANCE η

COUNTERCLEANING

For counters use **Miracle Sealants' Counter Kleen** or **Quartz Counter Top Cleaner** as often as you want, will keep it clean without streaking. **Counter Kleen** and **Quartz Counter Cleaner** are non-toxic cleaners that are easily sprayed onto the surface and wiped off.

1. Sweep or vacuum all dust, dirt and surface debris. Insure the surface is clean, dry and free from contaminants.
2. Ready-to-use. Spray directly onto counter.
3. Wipe dry using a clean dry towel.
4. No rinsing necessary.
5. Finished area can be used immediately.
6. Refer to the Product Data Sheet, SDS & Label for complete instructions.

LIGHTCLEANINGFORTHENATURALLOOK

Daily cleaning of stone can consist of using **Counter Kleen**, **Quartz Counter Top Cleaner**, **Tile & Stone Cleaner** or **Liquid Poultice** as directed previously in this guide.

SEALINGANDCOLORENHANCEMENT

For color enhancement we recommend **Miracle Sealants' 511 Seal & Enhance** impregnator and color enhancer. **511 Seal & Enhance** was designed to enhance the natural color and texture of all granite and quartz surfaces. In addition to beautifying the stone, **511 Seal & Enhance** offers stain resistance to water, oil and stains of **511 Porous Plus** all in one product. Do not dilute or thin at any time. Shake well.

COUNTERCLEANINGANDPROTECTIONREJUVENATION

Always test a small area to insure desired results.

Protect neighboring and adjacent surfaces of wood, carpet, metal, landscaping and other surfaces.

For counters, using **Miracle Sealants' 511 Kleen & Reseal**, as needed will keep it clean without streaking while rejuvenating the protection from the appropriate **511 Sealant**. **511 Kleen & Reseal** is easily sprayed onto the surface and wiped off with a clean towel or micro fiber cloth.

1. Spray directly onto soiled area.
2. Wipe up with a clean, dry towel or sponge. No rinsing necessary.
3. Repeat for heavily soiled areas allowing product to sit for several minutes. Agitating or scrubbing with a nylon pad before wiping.
4. Finished area can be used immediately.
5. Refer to the Product Data Sheet, SDS & Label for complete instructions.

SEALINGMAINTENANCE

Resealing will vary depending on porosity, density, hardness, foot traffic and the elements (indoor or outdoor) the area is exposed to. As a general rule, medium to dense surfaces exposed to heavy foot traffic can be resealed every 1 – 3 years. Very hard surfaces exposed to heavy foot traffic can be resealed every 3 – 5 years. It is important to remember that any additional or future applications of **511 Sealants** will require less sealant than originally used.