Natural Look Penetrating Sealer

**PRODUCT DESCRIPTION**

**KEEP OUT OF REACH OF CHILDREN.** This product is formulated for sealing concrete and masonry to provide resistance against water, alkalis, acids, ultraviolet light, staining, salt on intrusion and freeze/thaw damage. 511 Impregnator is a unique polymeric silicone formulation designed for the protection of all medium to dense porous tile, stone and grout surfaces. 511 Impregnator penetrates into the surface and forms an invisible barrier that is resistant to moisture and stains, while allowing vapor to escape. 511 Impregnator is not a surface coating and will not alter the natural look. All surfaces are harder and less slippery. 511 Impregnator can be used on interior and exterior applications. 511 Impregnator is U.V. transparent, resists acid rain and will not yellow under any circumstances. 511 Impregnator averages five to twenty times the coverage of competitive products. (See coverage chart). 511 products have been formulated for or applied to freshly poured concrete to retard the evaporation of water.

511 Impregnator is on the approved sources list of the United States Postal Service and is U.S.D.A. approved for incidental food contact in federal meat and poultry establishments.

**Test Data**

Independent laboratory tests show 511 Impregnator out performs competitive products. Test results are available upon request for Staining, Static Coefficient of Friction, Tabor Abrasion, Surface Absorption, Freeze/Thaw, Vapor Transmission and Bacteria Repellency.

**NOTE:** On more porous surfaces use 511 Porous Plus as directed. For any questions concerning grout refer to the grout manufacturers specifications. 511 Impregnator will not stop acid etching.

**Sample Testing**

Due to the differences of each substrate, several inconspicuous test patches should be completed to assure maximum performance. User must determine suitability of the product for their intended use.

**Color Enhancement**

For added color with “TEXTURED AND NON POLISHED” surfaces, 511 Seal & Enhance or Mira Matte may be applied as directed.

**Gloss Enhancement**

For a higher gloss finish on POLISHED stone surfaces, use Water Ring & Etch Remover, Marble Conditioner, Mira Dust, Granite Brite or MiraPolish. For counters and furniture, use Stone Polish. For tile surfaces, try Tile Brite.

**Slip Resistance**

511 Impregnator increases the static coefficient of friction on all surfaces. 511 Impregnator has been used successfully for compliance with the American Disability Act’s recommendations for slip resistance (ASTM C 1028-89) on polished & honed surfaces.

**Protect Neighboring Surfaces**

Always protect neighboring surfaces including wood, carpet, metal, landscaping and other non masonry surfaces.

**NEW INSTALLATIONS - APPLICATION INSTRUCTIONS**

Read entire label and PDS/MDS before using. 511 Impregnator should not be diluted or thinned in any way. 511 Impregnator should be used as is direct from approved container.

**Before Grouting:** Apply 511 Impregnator to all surfaces prior to grouting. This step will allow quick and easy cleanup after grouting. Control grout surfaces if this procedure is not used prior to the grouting process. Apply 511 Impregnator using a Mira Brush or a clean bow. Apply enough to wet the surface. (See coverage charts) Be careful not to saturate the open grout joints. Allow 511 Impregnator to stand for approximately 3 - 5 minutes for maximum penetration. All excess must be removed at this time by buffing surface with a clean dry towel. This is very important on polished, glazed and porcelain surfaces. Allow 511 Impregnator to cure for 6 - 12 hours before continuing with the grouting procedure.

**After Grouting:** Once grouted, make sure that all grout residue is removed from the surface with a clean sponge and water. Allow grout to cure per manufacturers specifications. If grout cleaning is not performed effectively, an additional cleaning may be necessary to remove remaining grout residue or haze. For this procedure use Phosphoric Acid Cleaner, (GCFR) Grout & Concrete Film Remover (Hydrochloric Acid), Sulfamic Acid Crystal or Epoxy Grout Film Remover following the instructions carefully. Once the area has completely dried, proceed with the sealing of the grout for water and stain resistance. Apply 511 Impregnator to all grout with a paint brush. Any excess sealer that gets on the surface should be wiped off with a clean bow before it dries. On larger jobs grout can be sealed by retreating the entire area including the tile or stone surface a second time. Be careful not to allow the sealer to puddle or dry on presealed surfaces.

**Existing Installation - Surface Preparation**

Surface must be dry and free of contaminants, including previously applied sealers, dirt, lime & hard water deposits, efflorescence, rust & other heavy dirt and grime.

**Surface Coating/Wax Removal:** To remove existing coatings and/or waxes, use Mira Strip or Epoxy Strip as directed.

**Heavy Duty Cleaning:** To remove lime and hard water deposits, efflorescence, rust, grease and other heavy dirt and grime use GCFR (Grout & Concrete Film Remover) Phosphoric Acid Cleaner as directed.

For a non acid deep clean use Liquid Poutice as directed.

Light Cleaning: Use Mira Clean #1, Porcelain & Ceramic Tile Cleaner, Mira Soap, Counter Kleen as directed.

**Existing Installation - Application Instructions**

Follow the application instructions previously mentioned, except now, seal the grout and tile or stone surfaces at the same time. When treating surfaces together, make sure that the recessed grout is saturated.

**Mold, Mildew and Bacteria Sanitization**

For best results in killing mold, mildew, bacteria and other micro organisms, use Miracle Wipes as directed.

**Residue Removal**

To remove accumulated 511 Impregnator residue, use Miracle Residue Remover as directed.

**Color and Gloss Enhancement**

For color & gloss enhancement, use Mira Matte or Mira Shine as directed.

**Cure Time**

511 Impregnator will be dry to the touch in 1 - 3 hours and may be used for normal foot traffic. For optimum results the area should be kept dry and free from staining materials for 72 hours.

**Coverage Chart - Used as directed**

<table>
<thead>
<tr>
<th></th>
<th>Cost per sq.ft/sq.m.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sanded Grout</td>
<td>(.05-.11)</td>
</tr>
<tr>
<td>Quarry Tile</td>
<td>(.05-.09)</td>
</tr>
<tr>
<td>Ceramic Tile</td>
<td>(.03-.05)</td>
</tr>
<tr>
<td>Glazed Tile</td>
<td>(.03-.05)</td>
</tr>
<tr>
<td>Porcelain Tile</td>
<td>(.02-.03)</td>
</tr>
<tr>
<td>Polished Granite</td>
<td>(.02-.03)</td>
</tr>
<tr>
<td>Polished Marble</td>
<td>(.02-.03)</td>
</tr>
<tr>
<td>Terrazzo</td>
<td>(.03-.05)</td>
</tr>
<tr>
<td>Brick</td>
<td>(.05-.09)</td>
</tr>
<tr>
<td>Slate</td>
<td>(.05-.09)</td>
</tr>
<tr>
<td>Quartz</td>
<td>(.05-.09)</td>
</tr>
<tr>
<td>Travertine</td>
<td>(.03-.05)</td>
</tr>
<tr>
<td>Masonry</td>
<td>(.05-.09)</td>
</tr>
</tbody>
</table>

Cost per sq.ft is based on a suggested list price of $1.05/gallon. 1 gallon = 3,785 liters.

**MAINTENANCE**

For ongoing maintenance instructions please refer to Miracle Sealants Care Guide. Refer to the Miracle Sealants Product Recommendation Chart for specific product recommendations.

**Storage**

Store 511 Impregnator in the original container, properly sealed to avoid contamination and solvent evaporation. Stored at 77°F (25°C), 511 Impregnator will have a shelf life of 12 months.

**Technical Support**

For additional technical support, contact Miracle Sealants Company at 1-800-350-1900 or 626-443-6434 ext. 3013

**Office Hours**

Monday - Friday from 8:30 am - 5:00 pm PT.
1-626-443-6433 1-800-350-1900 • Fax: 1-626-443-1435

website: www.miraclesealants.com

**Product Damaged During Transportation**

If product is damaged during transportation contact Info Trac @ 1-800-535-5053

**Additional Product**

Miracle Sealants Company offers a complete line of water & stain repellents, sealers, cleaners, polishing compounds, diamond abrasives, machinery and accessories for the tile, stone, concrete, metal, fabric and carpet professional or do-it-yourself specialist.
Emergency and First Aid Procedures:

Eyes: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

Skin: Remove contaminated clothing and launder before reuse. Wash with soap and water. Get medical attention if irritation persists.

Ingestion: If swallowed, do not induce vomiting. Get medical attention. Never give anything by mouth to an unconscious person.

Inhalation: If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Seek medical attention.

Section 7 - Precautions for Safe Handling and Use
Steps to be taken in case material is released or spilled: wipe, scrape or soak up in an inert material and put in a container for disposal. Wear proper protective equipment. Remove sources of ignition. Increase area ventilation.

Waste disposal method: disposal should be made in accordance with federal, state and local regulations. Incineration recommended in approved incinerator according to federal, state and local regulations.

Precautions to be taken in handling and storing: use a ground strap. Store away from sources of ignition such as heat, sparks or open flames. Avoid prolonged contact with skin. Chemical resistant gloves should be worn at all times. Keep small children and pets out of the area until product or surface has thoroughly dried. Refer to the MSDS for additional information.

Section 8 - Control Measures
Respiratory protection: Ventilate by opening all doors and windows. If exposure above the TLV or TLV require a NIOSH approved respirator equipped for the exposure or equivalent respiratory protection per 29 CFR 1910.134 is required.

Protective gloves: Rubber or plastic, chemical resistant.

Eye protection: Tight fitting, splash proof safety glasses or goggles.

Other precautions: KEEP OUT OF REACH OF CHILDREN. Follow directions on the container for proper use of this product.

Section 9 - Shipping & Regulatory Classification
DOT Shipping Name: Please refer to the Bill of Lading receiving/documents for up-to-date information.

DOT Hazard Class: N/A
OSHA Hazard Class: N/A
UN/NA Number: N/A
EPA Hazard Waste: D 001, Ignitable
CPSC Classification: Combustible liquid
Transportation Class: 55
Toxic Substances Control Act (TSCA): This product and/or all the ingredients contained in this product have been registered under the Toxic Substances Control Act.

SARA: SARA 313 chemicals identified.

NOTE: Miracle Sealants believes the data set forth are accurate. Miracle Sealants makes no warranty with respects thereto and disclaims all liability or reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.

WARRANTY & CAUTIONS

Warranty
Instructions are a condensed guide and should not be considered complete. In the event of failure, the only obligation of Miracle Sealants Company shall be to replace such products proven to be defective. Before using, user shall determine the suitability of the product for their intended use. User assumes all risks and liability whatsoever in connection therewith. Neither seller nor manufacturer shall be liable for any injury or inability to use this product.

Caution
511 Impregnatort contains combustible petroleum distillates. All solvents must be considered toxic and must be used in a well ventilated area. Good ventilation means that fresh air is flowing in such a way as to feel a slight breeze. Open windows and use fans to circulate air. Continue to ventilate until vapors are eliminated. Exposure to high vapor concentration must be avoided. Inhalation can be harmful. Keep away from heat and open flames. Avoid prolonged contact with skin. Chemical resistant gloves should be worn at all times. Keep small children and pets out of the area until product or surface has thoroughly dried. Refer to the MSDS for additional information.