

Adsil, Inc.

TECHNICAL DATA SHEET TS-50

MicroGrip™ Anti-Skid Floor Media Additive AD5-050

DESCRIPTION:	<p>MicroGrip™ Anti-Skid Floor Media Additive AD5-050 is a fine particle anti-skid material that may be used with thin film MicroGuard® Clear Siloxane Floor Coatings wherever a more slip resistant surface is desired. Gives a tough, skid resistant finish for interior or exterior applications. Not recommended for high gloss or glazed tile surfaces.</p>
WHERE TO USE:	<ul style="list-style-type: none">• Concrete Floors• Ceramic Tile Floors• Mexican Tile Floors• Quarry Tile Floors <div style="border: 1px solid black; padding: 5px; margin-left: 20px;"><p>Commercial kitchen floors, industrial wet rooms, manufacturing, warehousing & shipping walk or fork lift areas, public or private walkways, handicap ramps, garage areas, stairs, catwalks, etc;</p></div>
DIRECTIONS FOR USE:	<p><u>First</u>, clean the surface with one of the MicroKleen™ Cleaners & Degreasers, per published label or technical data sheet instructions for the specific MicroGuard® product(s) to be used and for the specific surface to be coated. <u>Allow the surface to dry before application.</u></p> <p><u>METHOD #1</u> – (Spray Application, Preferred)</p> <p>EQUIPMENT REQUIREMENTS - Use an air compressor that is rated for delivering a minimum of 3 CFM. Best application will be achieved using an Adsil Dual Regulated Pressure Pot. A special Adsil Spray Gun/Wand housing a #5 cone tip will be attached by hose to the fluid (pot) regulator and will be used to apply the clear finish. A special Adsil Anti-Skid Media Application Gun (NMS-1) will be attached by hose to the air regulator and will be used to broadcast the anti-skid media additive into the wet coating.</p> <p>SEALING THE SURFACE- Porous surfaces must be sealed before proceeding to the application of MicroGuard® clear finish coats and the broadcasting of the media additive.</p> <p>APPLICATION - Set the fluid (pot) pressure at 80 to 85 PSI. Apply the MicroGuard® clear finish coat using the special Adsil Spray Gun/Wand housing a # 5 cone tip. Apply a light mist coat of the MicroGuard® Clear Finish. While the clear finish is still wet, broadcast the Anti-Skid Media Additive into the wet coating, allowing the media particles to rain down and imbed into the finish. Then, immediately spray-apply another coat (wet-on-wet) over the Anti-Skid Media to encapsulate the particle.</p> <p>ANTI-SKID - Broadcasting is best accomplished using a special Adsil Media Application Gun (NMS-1). Fill the gun hopper ¾ full with MicroGrip™ Anti-Skid Media Additive AD5-050. Be careful not to let media additive pour out of the three breather holes located on top of the gun hopper. Set the air pressure regulator on the pot to 20 PSI. Connect one end of the hose to the media gun regulator (at the handle) and the other end to the air pressure regulator on the pot. Set the media gun regulator at 4 to 7 PSI, depending on the desired distance for broadcasting the media particles. Hold the media gun horizontally (perfectly upright) and squeeze the trigger to start airflow. Slowly open the “sand flow valve” until the desired amount of media is being broadcast from the gun nozzle. Hold the media gun horizontally to and approximately 3 feet above the floor. Spray media into the wet clear finish in sections approximately 3 feet deep and progress across the floor surface. Spray the media using a side-to-side sweeping motion and allow the media to lightly “rain” down into the wet coating. Note: Never point the gun nozzle directly at the floor while broadcasting the media or the air blowing through the gun nozzle may disturb the broadcast media aggregate already imbedded in the clear finish. It is best to work in a 2-person team; 1 person should apply the MicroGuard® clear and 1 person should broadcast the anti-skid media into the wet coating and move the pressure pot & hoses, as needed.</p> <p>NOTE – Care should be exercised when walking and dragging hoses so as not to damage the freshly applied coating or dislodge the additive while continuing the application of the remaining Clear Finish/Anti-Skid System.</p>

<p>DIRECTIONS FOR USE: (continued from front page)</p>	<p>METHOD #2 – (Roller Application – Smaller Surface Areas) Porous surfaces must be completely sealed before proceeding to the MicroGuard® and MicroGrip™ system application.</p> <p>Apply the MicroGuard® Clear Finish by short nap roller application, per prescribed rate of ft² yield, by product and surface. Then, broadcast the MicroGrip™ Anti-Skid Media Additive AD5-050 into the wet clear finish using the special NMS-1 gun or by very careful ‘hand broadcasting’. Gently back roll the broadcasted media into the wet clear finish in order to ensure complete particle encapsulation. For best results, use an adhesive roller cover and gently back roll in a single direction. Overlap each back roll pass by 1 or 2 inches.</p> <p><u>NOTE</u> – This method should be used for smaller jobs, only; up to 250 ft² or less. Back rolling may produce a less even distribution of the anti-skid particle within the clear finish.</p>
<p>MicroGuard® SYSTEM</p>	<p>MicroGrip™ Anti-Skid Floor Media Additive AD5-050 is best used with the following Adsil floor coating products:</p> <p style="text-align: center;">MicroGuard® Concrete & Tile Clear Gloss Treatment AD703 MicroGuard® Hard Tile Clear Gloss Treatment AD708</p> <p>Avoid foot traffic on the freshly installed anti-skid system for a minimum of 12 hours. Avoid forklift traffic for at least 24 hours. Do not use cleaning chemicals for 5 days.</p>
<p>PRODUCT YIELD:</p>	<p>YIELD – 1 pound of MicroGrip™ Anti-Skid Additive AD5-050 will cover between 1,000 – 1,200 ft² of surface area, depending on the desired concentration of Anti-Skid Media. Avoid applying an over concentration of media additive as the surface will be more difficult to clean and darker colored floors will be affected by the semi-opaque white color of the media additive. When using anti-skid material, “less” is often times “more”!</p>
<p>JOB SITE SAFETY:</p>	<p>Always wear safety glasses and a properly fitted carbon-filtered respirator (NIOSH/MSHA Black Cartridge) when working with the MicroGrip™ Anti-Skid Media Additive. Always read specific label cautions and MSDS before working with Adsil products. Always have MSDS on file and available at the job site.</p>
<p>CLEANING MAINTENANCE:</p>	<p>Depending on the concentration of MicroGrip™ Anti-Skid Media Additive encapsulated into the MicroGuard® product finish, cleaning the floor surface may become problematic. If you apply the media additive at less than 1,000 ft²/lbs, the floor will be more difficult to clean. If you apply the media additive at 1,200 ft²/lbs, you will experience little difference or difficulty when cleaning the floor. DO NOT CLEAN surfaces for at least 5 days following installation.</p> <p>For heavier concentrations of anti-skid media additive, the most efficient cleaning methods are high-pressure power washing or steam and reclaim vacuum systems. Begin by applying MicroKleen™ PLC-1, diluted 1 part of PLC-1 to 20 parts of clean water. Allow the cleaner to work for 3 to 5 minutes, then using the pressure washer or steam & reclaim system, remove the dirt and soap residue.</p> <p>For lighter concentrations of anti-skid media additive, mop the surface with a solution of 1 part of MicroKleen™ PLC-1 diluted with 20 part of water. Then, wet mop with clean water to pick up the dirt and soap residue. Change out the rinse water frequently.</p>
<p>Microsil™ Technology:</p>	<p>Adsil, 1901 Mason Avenue, Suite 101, Daytona Beach, FL 32117 USA PHONE: 386-274-1382 FAX: 386-274-1798 WEB: www.adsil.com</p>

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Advanced Siloxane Technology — Preserve, Protect, Prolong

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