

#### DESCRIPTION:

MicroGuard® AD5-050 Anti-Skid Additive is a fine particle anti-skid material that may be used with thin film MicroGuard1® 1500 (MG1-1500) wherever a more slip resistant surface is desired. Gives a tough, high-traction finish for many applications. Extreme caution should be exercised before coating heavily glazed or high gloss tile surfaces with minimal available anchor pattern (surface profile). **Do not use with Matte Additive.**

- **Hard Tile** MicroGuard® Anti-Skid Additive is designed to be added to MicroGuard1® 1500 (MG1-1500) for installations over hard floor surfaces to reduce the potential for slipping hazards in areas such as
- **Quarry Tile** commercial kitchens, walk-in coolers, industrial wet rooms, manufacturing, warehousing & shipping, walk
- **Terrazzo** or forklift areas, tiled shower areas, handicap ramps, garage bay areas, stairs, catwalks and more.
- **Concrete**

#### SURFACE PREPARATION:

- **Prep the Surface** - Clean the surface with one of the MicroKleen™ Cleaners & Degreasers, per published Technical Data Sheet instructions for the specific MicroGuard1® product(s) to be used and for the specific surface to be coated. Dry the surface and check for proper pH.
- **Seal the Surface** - Porous surfaces MUST be sealed using an Adsil-approved sealer before proceeding to the application of MG1-1500 Anti-Skid mixture.

#### APPLICATION:

**FOR PROPER INSTALLATION, A 3/8" MICROFIBER ROLLER (without striping) MUST BE USED WHEN APPLYING THE ANTI-SKID MIXTURE.**

The Anti-Skid mixture cannot be applied using a flat style applicator as this will result in streaks or uneven application.

- Using the Product Mixture Chart (on back), add the Anti-Skid Additive and the MG1-1500 coating to a larger bottle. The chart provides mixture rates for two (2) different additive levels - Standard, Light - and is shown in both ounces and grams. When desired mix rate is established, cap the bottle, and shake gently for 5 seconds until blended.
- Pour MG1-1500 Anti-Skid mixture into a metal or HDPE paint pan. Saturate a 3/8" Microfiber Roller (without striping) and remove excess. Apply a coat of MG1-1500 Anti-Skid mixture to the floor surface using a roller application only.
- Roll out the MG1-1500 Anti-Skid mixture to achieve a thin, even tack coat over the area. Dampen the roller with more product whenever necessary. The final stroke with the roller applicator should be back-rolled towards the person applying the MG1-1500 Anti-Skid mixture.
- NOTE: Continue to stir product in paint tray or shake the product container in between adding more product to the roller. The Anti-Skid material will separate from the coating if not stirred or mixed periodically.
- It is best to work in a 2-person team. 1 person should apply the MG1-1500 Anti-Skid mixture while 1 person acts as a spotter to ensure even coverage throughout the process.
- Avoid foot traffic on the freshly installed Anti-Skid System for a minimum of 3 hours. Avoid forklift traffic for at least 24 hours. Clean with water for the first 5 days.

NOTE: Do not use Anti-Skid Additive and Matte Additive together.

#### PRODUCT YIELD:

1 container of MicroGuard® AD5-050 Anti-Skid Additive will cover about 1,000 ft<sup>2</sup> of surface area, depending on the desired concentration of Anti-Skid Additive. Avoid using an over concentration of Anti-Skid Additive as the surface will be more difficult to clean and darker colored floors will be affected by the semi-opaque nature of the additive. When using Anti-Skid Additive, less is often better.

#### POST-INSTALLATION CLEANING & MAINTENANCE:

- Clean with water ONLY for the first 5 days after application.
- For most general, post-installation cleaning and maintenance situations, and in order to ensure the best cleaning results without damaging the MicroGuard1®/ MicroGuard® Anti-Skid Additive film, use a neutral pH cleaner (no higher than 8 on the pH scale).
- Prolonged use of the mop & bucket technique for cleaning will leave the floors dull and dirty looking.
- For best results, Adsil strongly recommends using the OmniFlex (Kaivac) Dispense-and-Vac System for maintaining the floor surface.
- **Do not use harsh or abrasive alkaline cleaners for post-installation maintenance. See list of Adsil approved cleaners.**

**Adsil**

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## ANTI SKID (AD5-050) MIXING RATIO CHART

	STANDARD MIX				LIGHT MIX			
SQ-FT	MG1-1500		AD5-050		MG1-1500		AD5-050	
	OUNCES	GRAMS	OUNCES	GRAMS	OUNCES	GRAMS	OUNCES	GRAMS
50	8.50	240.95	0.50	14.85	8.50	240.95	0.35	9.90
100	17.00	481.90	1.00	29.70	17.00	481.90	0.70	19.80
150	25.50	722.85	1.50	44.55	25.50	722.85	1.05	29.70
200	34.00	963.80	2.00	59.40	34.00	963.80	1.40	39.60
250	42.50	1,204.75	2.50	74.25	42.50	1,204.75	1.75	49.50
300	51.00	1,445.70	3.00	89.10	51.00	1,445.70	2.10	59.40
350	59.50	1,686.65	3.50	103.95	59.50	1,686.65	2.45	69.30
400	68.00	1,927.60	4.00	118.80	68.00	1,927.60	2.80	79.20
450	76.50	2,168.55	4.50	133.65	76.50	2,168.55	3.15	89.10
500	85.00	2,409.50	5.00	148.50	85.00	2,409.50	3.50	99.00
550	93.50	2,650.45	5.50	163.35	93.50	2,650.45	3.85	108.90
600	102.00	2,891.40	6.00	178.20	102.00	2,891.40	4.20	118.80
650	110.50	3,132.35	6.50	193.05	110.50	3,132.35	4.55	128.70
700	119.00	3,373.30	7.00	207.90	119.00	3,373.30	4.90	138.60
750	127.50	3,614.25	7.50	222.75	127.50	3,614.25	5.25	148.50
800	136.00	3,855.20	8.00	237.60	136.00	3,855.20	5.60	158.40
850	144.50	4,096.15	8.50	252.45	144.50	4,096.15	5.95	168.30
900	153.00	4,337.10	9.00	267.30	153.00	4,337.10	6.30	178.20
950	161.50	4,578.05	9.50	282.15	161.50	4,578.05	6.65	188.10
1000	170.00	4,819.00	10.00	297.00	170.00	4,819.00	7.00	198.00
MG1-1500 PER SQUARE FOOT = 0.170 OUNCES "OR" 4.819 GRAMS					NOTE: 1 GALLON = 128 OUNCES			
AD5-050 PER SQUARE FOOT = 0.014 OUNCES "OR" 0.396893 GRAMS					NOTE: 1 QUART = 32 OUNCES			