

# SaniFloor-30™ DATA SHEET

## ANTI-MICROBIAL, NON-WAXING, HIGH GLOSS, SLIP-RESISTANT FLOOR FINISH

**SaniFloor-30™** is a laboratory-proven bacterial, mildew, and fungal resistant Floor Finish.

**SaniFloor-30™** is a high solids coating, characterized by: outstanding durability; high gloss; excellent heel scuff and mar resistance; long-term clarity (non-yellowing); and remarkable slip resistance.

**SaniFloor-30™** is a major advancement in floor polish Polymer technology by providing the highest gloss available, coupled with excellent wear resistance, without maintenance wax application or spray buffing.

**SaniFloor-30™** is a metallic cross-linked polymer, which dries to a brilliant, scrub-proof shine. Removal may be accomplished with **TWI FloorStrip™**.

**SaniFloor-30™** can be applied to "Resilient" and "Non-resilient" floors; Asphalt, Vinyl and Rubber Tile; Concrete; Terrazzo; Brick; Marble and Hardwood floors.

**SaniFloor-30™** exhibits extreme durability, resulting in high resistance to "powdering", resistance to detergent damage, and may be re-coated rapidly.

### SURFACE PREPARATION

Surfaces to be coated or sealed with **SaniFloor-30™** should be clean, and free from all oil, grease, dirt, loose aggregate, and other contaminants.

**SaniFloor-30™** may be applied over a damp floor.

### APPLICATION

**SaniFloor-30™** may be applied like any other acrylic-type floor coating: damp string or sponge mops.

### MAINTENANCE & RE-APPLICATION

**SaniFloor-30™** requires minimal light-cleaning maintenance and infrequent re-application, averaging 18 to 36-months between consecutive coats. NO maintenance waxing required.

### TOOL & EQUIPMENT CLEANING

All equipment used for applying **SaniFloor-30™** may be cleaned with plain tap water, and a little soap, if desired.

### PACKAGING

**SaniFloor-30™** is packaged in 1-gallon jugs, cases, 5-gallon pails and 55-gallon drums.

### PHYSICAL PROPERTIES

#### APPLICATION

Solid Content	25%
pH	8.5
DFT	4 to 5-mil
Coverage	160 - 200 ft <sup>2</sup> /gallon
Drying Time	20 Minutes
Flammability	Non-Flammable

#### PERFORMANCE

Gloss per ASTM D-523 (initial)	95
Gloss per ASTM D-523 (post heavy scrub)	95
Leveling Properties	Excellent
Detergent Resistance	Excellent
Heel Scuff & Mar Resistance	Excellent
Slip Resistance (James Slip Standard)	0.60
Active Anti-Fungal Ingredient	"AMICAL Flowable"
Active Biocide Ingredient	"BioStop"

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**TradeWinds International Inc.**, 1374½ E. Colorado Street, Glendale CA 91205 ☎ 818-500-1921 ☎ f: 818-500-3973

**Riedel-deHaen**  
**Dry Film Mildewcide Test**

<u>Sample</u>	<u>Rating</u>	<u>Status</u>
<b>SaniFloor-30™</b>	3	Pass
Generic Acrylic Coating #1	5	Fail
Generic Acrylic Coating #2	4	Fail
Petri-Agar Control	6	Control

Rating:

- 1 = Coating NOT molded, zone of fungal inhibition around test sample greater than 3-mm.
- 2 = Coating NOT molded, zone of fungal inhibition around test sample less than 3-mm.
- 3 = Coating NOT molded, no zone of fungal inhibition around sample.
- 4 = Coating slightly grown over: less than 10%.
- 5 = Coating clearly grown over: less than 30%.
- 6 = Coating heavily grown over: more than 30%.

Conclusion:

"The present level of *AMICAL Flowable* is sufficient to protect **SaniFloor-30™** from fungal attack, resulting in NO microbial growth".

**Angus**  
**Dry Film Bacterial Resistance Test**

<u>Sample</u>	<u>Rating</u>	<u>Status</u>
<b>SaniFloor-30™</b>	3	Pass
Generic Acrylic Coating #1	4	Fail
Generic Acrylic Coating #2	4	Fail
Petri-Agar Control	6	Control

Rating:

- 1 = Coating NOT contaminated with bacteria, zone of bacterial inhibition around test sample greater than 3-mm.
- 2 = Coating NOT contaminated with bacteria, zone of bacterial inhibition around test sample less than 3-mm.
- 3 = Coating NOT contaminated with bacteria, no zone of bacteria inhibition around sample.
- 4 = Coating slightly grown over with bacteria: less than 10%.
- 5 = Coating clearly grown over with bacteria: less than 30%.
- 6 = Coating heavily grown over with bacteria: more than 30%.

Conclusion:

"The present level of your proprietary biocide is sufficient to protect **SaniFloor-30™** from bacterial attack, resulting in NO microbial growth".

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Toll-Manufactured for:

***TradeWinds International, Inc.***

1374½ E. Colorado Street

Glendale CA 91205

v: 818-500-1921

f: 818-500-1474

toll-free: 888-463-3003

e-mail: tradewinds@usa.com