



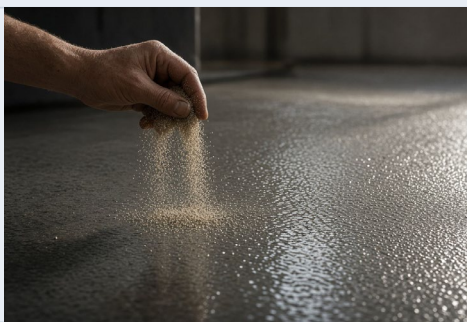
Step-Lock™

Slip Resistant Additive for Sealers & Coatings
16 / 40 / 60 / 100 Mesh · Micronized Polymer · 16 oz

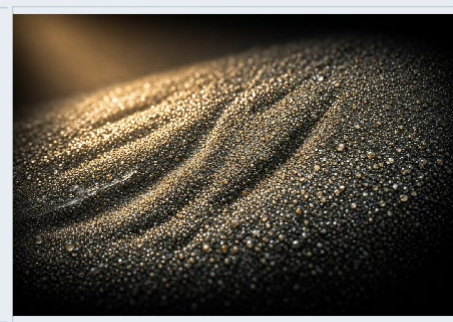
Technical Data Sheet
www.whodomagic.com



Four grades — 16 oz jars



Broadcast or stir into wet coating



Sand-lock traction in the film

Step-Lock is a micronized polymer slip-resistant additive made for film-forming sealers and coatings. It adds grip, a slight reduction in gloss, and fine texture without a large viscosity increase. High solvent resistance and very low oil absorption let it stir into solvent-based acrylics, paints, and epoxies and stay suspended. Four grades cover everything from barefoot pool decks to aggressive commercial traction.

SPECIFICATIONS / COMPLIANCE

- Meets OTC, CARB, LADCO & SCAQMD VOC limits as used
- DOT: Not regulated
- HMIS: Health 1 · Flammability 0 · Reactivity 0
- Four mesh grades in 16 oz jars

KEY BENEFITS

- ★ Four sizes: Ultra Fine 100, Extra Fine 60, Fine 40, and Coarse 16 mesh.
- ★ Adds slip resistance to sealers, paints, and epoxies.
- ★ Stays suspended — low density, low oil absorption.
- ★ Little viscosity change in thin solvent-based acrylics.
- ★ Stir-in for solvent systems; broadcast for water-based.
- ★ VOC-compliant additive for most U.S. and Canadian areas.

RECOMMENDED APPLICATIONS

Effective on surfaces such as...

- STAMPED CONCRETE
- BROOM & TROWEL FINISH
- DRIVEWAYS & SIDEWALKS
- PATIOS & POOL DECKS
- EPOXY & ACRYLIC FLOORS
- INTERIOR OR EXTERIOR CONCRETE

16 / 40 / 60 / 100 mesh · Micronized polymer 16 oz
(1-pint) jars · Professional use only

Typical Properties & Technical Information

PROPERTY	VALUE
Product Type	Micronized polymer slip-resistant additive
Available Grades	Coarse 16 / Fine 40 / Extra Fine 60 / Ultra Fine 100
Packaging	16 oz (1-pint) jar
Typical Dose	Up to 6 oz per gallon of coating (16 oz treats ~5 gal)
Application Temperature	50°F – 80°F (substrate not below 40°F)
VOC Content of Additive	Not applicable — solid grit / polymer
Appearance — As Supplied	Dry polymer grit, grade-dependent size
Appearance — In Film	Fine texture, slight gloss reduction
Cleanup	Soap and water (additive); follow coating SDS



PRODUCT DESCRIPTION

Step-Lock is a micronized polymer additive designed for added grip, a slight loss of gloss, and fine texturing in film-forming sealers and coatings. Because of its high solvent resistance and very low oil absorption, it stirs into solvent-based acrylic coatings without a noticeable viscosity change. Suspension is a key characteristic — low density keeps the particles distributed even in thin sealers. Step-Lock is supplied in four mesh grades so the texture can be matched to the job, from barefoot-friendly pool decks to aggressive commercial floors.

BENEFITS & FEATURES

- Four grades: Ultra Fine (100 mesh), Extra Fine (60 mesh), Fine (40 mesh), and Coarse (16 mesh)
- Adds slip resistance to solvent-based acrylics, paints, epoxies, and compatible film-forming coatings
- Excellent suspension — low density and low oil absorption, little viscosity increase
- Stir entire 16 oz jar into approximately 5 gallons, or dose up to 6 oz per gallon of coating
- Broadcast into wet film is also acceptable; required method for most water-based coatings
- VOC-compliant additive for most areas of the United States and Canada

RECOMMENDED APPLICATIONS

Stamped Concrete • Broom-Finished Concrete • Prepped Troweled Concrete • Driveways & Sidewalks • Patios & Pool Decks • Acrylic and epoxy floor coatings • Other interior or exterior concrete where slip resistance is required.

TECHNICAL INFORMATION

Property	Value
Product Type	Micronized polymer slip-resistant additive
Grades	16 / 40 / 60 / 100 mesh
Appearance as supplied	Dry polymer grit — size varies by grade
Appearance in cured film	Fine texture with slight gloss reduction
VOC of additive	Not applicable
Application Temperature	50°F – 80°F
Maximum dose	6 oz per gallon of coating
Typical dose	16 oz jar treats approximately 5 gallons
Dry / recoat times	Follow the host coating TDS

** Based on lab temperatures of 70°F–72°F at 50% RH. Conditions outside these parameters will alter results. Always test prior to use.*

GRADE SELECTION

Grade	Mesh	Typical Use
Coarse	16 mesh	Aggressive traction — ramps, commercial
Fine	40 mesh	General walkways, driveways, patios
Extra Fine	60 mesh	Decorative decks with visible texture
Ultra Fine	100 mesh	Barefoot-friendly / light texture

Do not exceed 6 ounces of Step-Lock per gallon of coating. Coverage of the finished floor follows the host sealer or epoxy TDS. Always test texture and gloss on the same substrate first.

PACKAGING & SHELF LIFE

Packaging: 16 oz (1-pint) jars.

Shelf Life: Up to 1 year from manufacture in the original, unopened container stored at room temperature.

SPECIFICATIONS / COMPLIANCES

OTC, CARB, LADCO & SCAQMD VOC

DOT: Not regulated

HMIS: H-1 F-0 R-0

Treat as nuisance dust when mixing.



INSTRUCTIONS FOR USE

Temperature

Substrate temperature must be no less than 40°F and must not exceed 80°F. If the host coating is applied outside these limits it may not form an adequate film and may show air entrapment, bubbles, blushing, or hazing. Follow the coating manufacturer's temperature limits when they are tighter than this range.

Mixing — Solvent-Based Coatings

Stir the desired amount of Step-Lock into the coating for 2–3 minutes. A full 16 oz jar into 5 gallons is the standard starting point. Do not exceed 6 ounces per gallon. Remix if the coating sits unstirred. Mix periodically during application to keep particles suspended. Treat airborne dust as a nuisance dust — wear a dust mask or respirator while opening and stirring.

Water-Based Coatings

Do not premix Step-Lock into most water-based coatings. Broadcast the grit onto the wet coated floor, then back-roll to encapsulate. Apply a second coat of the host product to lock the grit in the film. Test the broadcast rate before the full floor.

Roller application is recommended once grit is in the system. Spraying is not recommended — particles can pack sprayer components. Always test in a small area on the same substrate. Step-Lock is a grip additive, not a matting agent, and is not for use in raw solvents.

Use gloves, goggles, and a dust respirator when mixing. Follow the host coating SDS.

CLEAN-UP & PRODUCT REMOVAL

Clean-Up: Soap and water for the additive. Dispose of containers per local regulations.

Product Removal: Once encapsulated, the grit cannot be removed without stripping the host coating. Refer to that coating's data sheet. Test before committing the full floor.

PRECAUTIONS AND LIMITATIONS

- Not a hazardous material, but treat as a nuisance dust when mixing into a coating.
- Will not freeze in storage; allow temperature to reach 50°F before use.
- Harmful if swallowed. May irritate skin, eyes, or respiratory tract. See the SDS.
- Interior and exterior use, but only in conjunction with a compatible coating — not raw solvent.
- Not a coating matting agent. It will change the look and gloss of the finished film. Test first.
- Once applied in a coating, the coating must be stripped to remove the grit.
- Minimal resistance to brake fluid, gasoline, and many similar products — that limit belongs to the host film.
- Do not exceed 6 oz per gallon. Overloading can crowd the film and weaken encapsulation.
- Block HVAC ducts if the host coating gives off solvent fumes. Ventilate indoor work.
- HMIS: Health 1, Flammability 0, Reactivity 0. DOT not regulated.

SPECIAL NOTES

Always refer to the Safety Data Sheet (SDS), read this Technical Data Sheet in full, and review Warranty Information prior to use.

For professional use. Always test prior to full application.