

ENVIROPRO

High Performance, Non-Toxic Coatings of Distinction for
All Floor Surfaces

PRODUCT DATA SHEET

Non – Slip Particles

DESCRIPTION:

Enviropro Non-Slip Particles are minute hollow ceramic spheres that provide a fine texture that promotes non-slip characteristics of all surface coatings. Two grades are available, 150 micron (fine) and 350 micron (coarse).

At a 1% addition rate to Enviropro Timber and Concrete Coatings, compliance to the Australian Standard for 'Slip Resistance of Pedestrian Walkways' can be realised (see below).

Compliance to this standard is a legal requirement for any wet areas in commercial premises. 'Duty of Care' by the premises owner should a slip injury occur is a real issue.

Rendering a surface non-slip is as simple as adding **Enviropro Non-Slip Particles** and shake (if Enviropro Polyurethanes or Acrylics) or with Epoxy High Build, toss in air to land on surface and roll into surface to uniformly distribute (or leave where it lands for maximum slip resistance)

Highly Effective Non-Slip Effect

Wet and Dry Slip Resistance By C.S.I.R.O.

C.S.I.R.O. Building Construction and Engineering testing has confirmed compliance to Standards AS/NZS 3661.1 for dry slip resistance and AS/NZS 4586.1999 for wet slip resistance in a timber coating.

Compliance to AS/NZS 4586:1999

Slip resistance classification of new pedestrian surface materials

Condition	Result	Class
Appendix A: Wet Pendulum: (Four S) 3 swing Av	60	V
Appendix B: Dry (FFT) Av. COF	0.70	F
Appendix A,B: Dual Classification		VF

FEATURES

- Low bulk density enables the spheres to float to the surface providing an effective anti slip effect.
- Non-Toxic (less than 1% silica)
- Increasing addition level will provide for a higher non-slip effect
- Fine and coarse particles are available.

DIRECTIONS FOR USE

- Add to coating material and shake well to mix in.
 - As S.G. of the **Enviropro Non-Slip Particles** is less than that of the coating material, they will tend to float when allowed to stand. Periodically shake or stir the dosed container to ensure uniform distribution when using lower viscosity @ pack Polyurethane Endure. Apply to floor surface with a 6 – 10 mm roller
 - For higher viscosity 2 Pack High Build Epoxy, distribute in air and let land on surface.
 - Roll over surface to embed particles, or leave on surface of epoxy if desired.
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PROPERTIES AND DATA

Ingredients	-	Hollow ceramic spheres
Appearance	-	Off white fine powder
Odour	-	nil
Bulk Density	-	0.40 to 0.45 g/cc
Particle size	-	Fine grade = 150 microns, Coarse grade = 350 microns
Moisture content	-	0.1% max
Flammability	-	non-flammable
Stability	-	Unlimited
Safety	-	Extremely safe to use; refer Material Safety Data Sheet available upon request on 0414 793 237 Hotline
Packaging	-	0.5 Litre tubs and 20 L pails.

24 HOUR INFORMATION HOTLINE - 0414 793 237

Spec.	PDS Non-Slip Particles
Issue 1	13 January 2003