

Sil-Pel Micro WB™

Sil-Pel Micro WB™ is a clear, water-based, micro-emulsion formulated from hydrophobic silicone and siloxane oligomers having functionalized alkyl / alkoxy reactive groups. Sil-Pel Micro WB™ chemically bonds to most substrates, providing an invisible, breathable, and durable water and stain resistant polymer matrix. Its unique, ultra-fine particle (or micelle) size allows Sil-Pel Micro WB™ to deeply penetrate into porous and semi-porous substrates. Properly formulated, Sil-Pel Micro WB™ provides a safe and effective, VOC compliant alternative to solvent based water repellents without sacrificing performance.

Features:

- Water-clear micro-emulsion (maintains clarity in most pH-neutral water)
- Non-HAPS
- 30% Active Water-Reducible Concentrate
- VOC Compliant (< 3g/ml as supplied)
- Chemically bonds with concrete, grout, natural stone or mineral substrates containing SiO₂ (quartz/silica), as well as fiberglass, rubber, wood, cotton and other natural fibers.
- Imparts hydrophobicity and stain repellency without inhibiting vapor transport.
- UV / Weather-resistant

Properties:

AppearanceWater-clear to translucent liquid
Ionic natureAmphoteric
Specific gravity0.99 - 1.1
SolubilityWater Reducible
pH5.8 - 7.2

Usage Level:

Add 15% to 30% Sil-Pel Micro WB™ to water under agitation. Protect with appropriate biocide. Thoroughly mix concentrate before using.

Precautions:

Use proper skin and eye protection. Avoid ingestion or prolonged inhalation. Consult MSDS for detailed handling precautions.