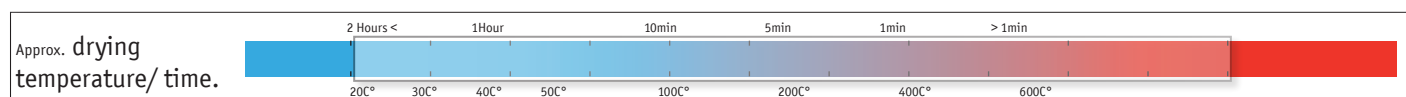




Nano Silver modified TiO2 Sol Antimicrobial Coating Agent

| Substrate Applicability: | Feature & Performance: |
|--------------------------|---------------------------|
| Stone | Water purification |
| Tile | Odor Elimination |
| Glass | Super-hydrophilic |
| Plastic / Polymer | Anti-moss |
| Metal | Air purification |
| * Faccade paint | Antimicrobial |
| * Fabric | Self-cleaning |
| * Wood | * Primer might be needed. |



| | |
|--|---|
| Special properties: <ul style="list-style-type: none"> • water-based nano TiO2 sol • nano silver modification, high performance for anti-bacterial • improved wetting feature on fabric • improved Coating feature on Plastic • improved binding strength | Technical Information: <p>Chemical description: nano titanium dioxide sol</p> <p>• appearance: Yellowish transparent liquid</p> <p>Active matter content:</p> <p>• TiO2 0.75% - 1,0%</p> <p>• Water content: 99% ± 1%</p> <p>• Alcohol content: 0%</p> |
| Example of application: <ul style="list-style-type: none"> • anti-bacterial & anti-virus fabric coating & treatment • air filter coating (especial for anti-bacterial & anti-virus) • home sanitization (for house, cloth, ...) • public place anti-bacterial coating (hospital, bus, train, school) • high efficient indoor anti-bacterial & anti-virus coating | Specification: <p>• PH Value: PH 7,5 - 10</p> <p>• primary particle size: < 8 nm</p> <p>• crystal structure: TiO2 Anatas</p> <p>• agglomeration index: 2-4</p> <p>• density: 1.0075-1.01 g/ml</p> <p>• Viscosity: 1.0050 mPa.s</p> <p>• binding strength: Normal (level 2)</p> |
| Usage instructions: <ul style="list-style-type: none"> • recommend air mix pressure spraying (HVLP) • brush for rough surface • dipping for irregular items • Trigger Spray for home, office and car use | <p>• Drying time at 25°C</p> <p>Primary drying time: 30 minutes</p> <p>Final setting time: 30 days</p> |
| Dosage instruction: <ul style="list-style-type: none"> • refer to relevant coverage data sheet or product manual | Registration status: <p>respectively its ingredients are listed in following chemical inventories: CAS, EINECS, TSCA, AICS, CEPA, MITI</p> |
| Transport Information <p>No Transport danger for Air, See, Highway and Rail, transportation of dangerous goods</p> | Package: <p>10 L, 25 L, Plastic / Polymer barrel with carton 30 L, 100 L, 200 L Plastic / Polymer barrel</p> <p>* refer to relevant (MSDS) Material Safety Data Sheet</p> |
| Storage stability: <p>12 months in closed container under 5-45°C°, dark condition. Protect Soll in opened container from Oxygen.</p> <p>Avoid freezing! storind above 5°C°</p> | |