














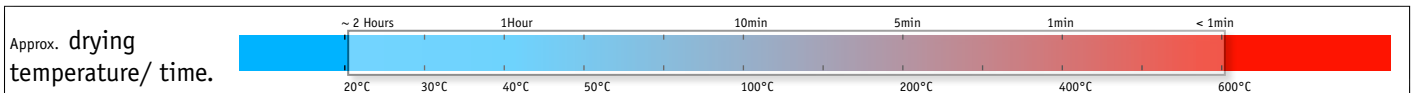
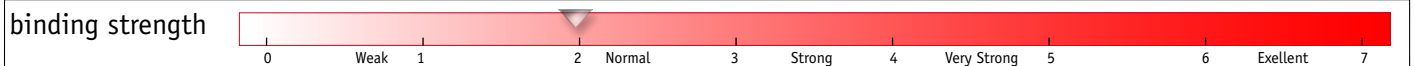


### Nano Silver modified TiO2 Sol Antimicrobial Coating Agent

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



#### Special properties:

- 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

#### Example of application:

- 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

#### Usage instructions:

- recommend air mix pressure spraying (HVLP)
- brush for rough surface
- dipping for irregular items
- Trigger Spray for home, office and car use

#### Dosage instruction:

- refer to relevant coverage data sheet or product manual

#### Transport Information

No Transport danger for Air, Sea, Highway and Rail, transportation of dangerous goods

#### Storage stability:

12 months in closed container 5-45°C, dark condition.  
Protect solution in opened container from Oxygen.  
**Avoid freezing!** storind above 5°C

#### Technical Information:

<b>Chemical description:</b>	nano titanium dioxide sol
<b>• appearance:</b>	Yellowish transparent liquid
<b>Active matter content:</b>	
<b>• TiO2</b>	0.75% - 1,0%
<b>• Water content:</b>	99% ± 1%
<b>• Alcohol content:</b>	0%

#### Specification:

<b>• PH Value:</b>	PH 7,5 - 10
<b>• primary particle size:</b>	< 8 nm
<b>• crystal structure:</b>	TiO2 Anatase
<b>• agglomeration index:</b>	2-4 %
<b>• density:</b>	1.0075-1.01 g/ml
<b>• Viscosity:</b>	1.0050 mPa.s
<b>• binding strength:</b>	Normal (level 2)

#### • Drying time at 25°C

Primary drying time:	30 minutes
Final setting time:	30 days

#### Registration status:

The ingredients are listed in the following chemical inventories:  
CAS, EINECS, TSCA, AICS, CEPA, MITI

#### Package:

10 L, 25 L, Plastic / Polymer barrel with carton  
30 L, 100 L, 200 L Plastic / Polymer barrel

\* refer to relevant (MSDS) Material Safety Data Sheet