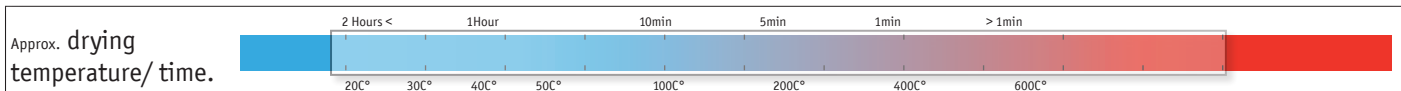
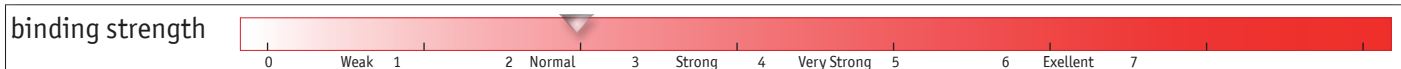




Nano TiO₂ Sol Plastic, Polymer, Polymer Fabric & Glass Coating Agent

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



Special properties:

- water-based nano TiO₂ sol
- improved wetting feature for plastic and polymer coating
- self-cleaning application
- room temperature to 600C° drying

Example of application:

- high efficient plastic coating
- high efficient metal coating
- polymer fabric coating & processing
- exterior glossy metal self-cleaning coating

Usage instructions:

- recommend HVLP air mix pressure spraying
- Spinning coating
- dipping for fabric & irregular items

Dosage instruction:

- refer to relevant coverage data sheet or product manual 25-40ml/m²

Transport Information

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

Storage stability:

12 months in closed container under 5-45C°, dark condition. Protect Soll in opened container from Oxygen.

Avoid freezing! storind above 5C°

Technical Information:

Chemical description:	nano titanium dioxide sol
• appearance:	Yellowish transparent liquid
Active matter content:	
• TiO₂	0,6% – 0,8%
• Water content:	99% ± 1%
• Alcohol content:	0%

Specification:

• PH Value:	PH 7,5 - 10,0
• primary particle size:	< 8 nm
• crystal structure:	TiO ₂ Anatas
• agglomeration index:	2 - 4
• density:	1.0075-1.01 g/ml
• Viscosity:	1.0050 mPa.s
• binding strength:	Normal (level 2)

• Drying time at 25C°

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

Registration status:

respectively its ingredients are listed in 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