



Titania Total Surface

Tech Sheet

Product Description:

Bonds to All Surfaces

Activates with Oxygen or UV

Works 24/7, also in the dark & under water

The world is changing and we believe you need to be proactive in how you deal with those changes. It's time for a product that works as hard as you do and protects your surfaces even when you are not there.

Titania is a cost-efficient, non-toxic spray-on coating that's quickly applied on any material or surface to provide full UV fading, anti-oxidation, stain-proof and odor & VOC elimination for years without a chemically perfumed coverup.

Titania creates an covalent bond with the surface it is sprayed. This allows it to provide its full protection without the "clearcoat effect." There is no gloss or glare on treated areas and the surface texture and pliability is not affected at all. Since there is no typical coating used, there is never any discoloration or peeling over time. Once treated, any surface becomes active, preventing pathogens or corrosive materials from attaching to surfaces to damage them or harm your customers. These active radicals also directly alter how UV light affects the surface to eliminate damage and fading.

We offer 24/7/365 preventive protection vs. just trying to clean and kill bacteria.

Advantages:

- ♦ UV Protectant
- ♦ Titania's hydroxyl radicals disassembles microbes & bacteria cell walls, destroying them
- ♦ Does not allow Dye Crocking to occur
- ♦ Creates 5.0 Rated Stain resistance
- ♦ Anti-adhesion surface created
- ♦ Anti-oxidation (no rusting)
- ♦ VOC Eliminator
- ♦ Fire Retardant Surfaces Created
- ♦ Improved Fabric Abrasion
- ♦ Green, Eco-Friendly

Part Numbers:

- ♦ 4TSP-008

Certificate of Testing: (2021)

- ♦ AATCC Test Method 147 Anti-Microbial
- ♦ AATCC TM 100 Anti-Bacterial
- ♦ ASTM d5034-09(2017) (Grab Test)
- ♦ ASTM d3511/d3511m-16 Brush Pilling Tester
- ♦ California Technical Bulletin 117: 2013 (January 2019 revision) Smolder Test
- ♦ AATCC TM16.3, opt.3 – 2014e2 Colorfastness Testing Xenon Arch
- ♦ AATCC TM8-2016e Colorfastness to Crocking
- ♦ ASTM d4034 / d4034m-19 Slippage Test
- ♦ ASTM d1308-02(2013) Stain Resistance CFFA-141 (2017), method ii
- ♦ ASTM d4157-13(2017) Abrasion Resistance of Textile Fabrics
- ♦ VOC Closed Chamber Testing
- ♦ International Maritime Organization Fire Test Protocol



305-215-3900 or 313-444-4194
Carmel CA Birmingham MI Milwaukee WI