

Specifications

Product Name	:	OMNIYO Nano 223						
Origin	:	Japan						
Category	:	Nano Mixture						
CAS No.	:	13463-67-7						
Reactivity	:	Non- Hazardous Material						
Composition	:	<table border="0"> <tr> <td>2-3 nm Titanium Dioxide</td> <td>0.5%</td> </tr> <tr> <td>Isopropyl Alcohol</td> <td>4.0%</td> </tr> <tr> <td>Water</td> <td>95.5%</td> </tr> </table>	2-3 nm Titanium Dioxide	0.5%	Isopropyl Alcohol	4.0%	Water	95.5%
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Special Note	:	Binder free, Polymer free						
Characteristics	:	Colourless Odorless						
UV Absorbance	:	89%						
Operating Light Bandwidth	:	250nm – 800nm						
Description	:	A water-based solution of Pure 2-3nm Titanium Dioxide (TiO ₂) that is colourless and odourless. TiO ₂ coating will activate in the presence of visible light to oxidize organic compounds and VOCs.						
Application Methods	:	<ol style="list-style-type: none"> 1. Ultra-fine spray gun 2. Spray Can (320ml) 						
Coating Functions	:	<ul style="list-style-type: none"> Anti- Virus Anti- Bacteria Anti- Static Anti- Odor VOCs Reduction UV Protection 						
Unique Features	:	<ul style="list-style-type: none"> Ultra strong bond Withstands normal cleaning 						
Suitable Substrates	:	See attached						
Directions	:	Pre clean surface. Apply an ultra fine mist- like coating and leave to dry before use. Recoat if necessary.						

Suitable Substrates

	Substrates	Finishes	Commonly used for
Metal	Aluminum	Polished, anodized, coated, painted or plated.	Furniture, Cabinets, Windows, Building fascades, Transportation and various Decoratives.
	Steel		
	Brass	*Not on bare steel.	
	Copper		
Timber	Solid Timber	Unpolished, lacquered, natural-oils (shellac) or painted.	Doors, furniture, cabinets, window fixtures, flooring, wall panelings, ceilings, trimming and architectural fittings (wallcovering, blinds and décor).
	Veneer		
	Plywood		
	Medium/High density fibre boards (H/MDF)		
Plastic	Acrylic	Polished, coated and painted.	Curtain fabrics, flooring, trimming, primers/ sealers, solid tops, furniture, paneling, transportation, equipment, computers, window frames, architectural fittings (wallcovering, blinds and décor) and numerous personal items.
	Silicon		
	Polyester		
	PVC (Vinyl)		
	PP		
	PETG		
	Phenolic		
	Nylon		
	Synthetic Rubber		
	PU		
	Polycarbonate		
Stone	Concrete	Bare, polished, coated, glazed and painted.	Infrastructure, flooring, paneling, solid tops, architectural décor and sanitaryware.
	Granite		
	Natural Marble		
	Compressed Marble		
	Flagstone (Sandstone)		
	Grout		
	Mosaic (Glass) Tiles		
	Silestone/ Caesarstone		
	Slate		
	Ceramic		
	Brick		