

## S-381 N5

Synthetic Polyethylene Wax





### Product Description:

S-381 N5 is a modified, micronized blend of waxes for polypropylene-like performance with good UV resistance.









### Application:

S-381 N5 is a gloss control agent for resin-based coil, powder, wood and industrial coatings, as well as UV inks and coatings. With S-381 N5, the formulator can control gloss while retaining surface hardness characteristics. S-381 N5 can be stirred into coatings to produce satin or flat finishes with excellent mar resistance and COF reduction. A coating matted with S-381 N5 will have a surface free of pigment polishing or burnishing, typical problems experienced with silica. Ratios of silica to S-381 N5 should be 1:1 for satin finishes and 2:1 for flat finishes. It is easily dispersed using high speed, high shear mixers. NOTE: Do not dissolve. Do not heat above 140 degrees F.

### Features and Benefits:

-  Excellent Slip
-  Good Abrasion Resistance
-  Provides Excellent Matting
-  Excellent Clarity

### Typical Properties:

	Appearance:	Off-White Powder
	Specific Gravity:	0.93 g/cm <sup>3</sup>
	Particle Size Mean Value:	8.0 – 10.0 µm
	99% of Particle Under:	25 µm
	NPIRI Grind:	5.0 Max
	Hegman Grind:	6.0 – 7.0 Min
	% Active Ingredients:	100%
	DSC Melting Point:	209 / 98 °F / °C

### Regulatory Status

The components of this product are listed on multiple chemical inventories. For specific information on the applicable chemical inventories, please refer to the product SDS. This product is microplastic free as per ECHA Annex XV restrictions.

### Safety, Shipping and Handling

For complete shipping, handling, health and safety information please contact your regional Customer Service Representative. Please contact them at your convenience for instructions and Material Safety Data Sheets, the contact information is located below.

**Corporate Headquarters**  
Foot of Pacific Street  
Newark, NJ 07114  
Phone: +1(800)349-1822

**Henderson, KY**  
301 Community Drive  
Henderson, KY 42420  
Phone: +1(800)349-1822

**Tongeren, Belgium**  
Heersterveldweg 21,  
B-3700 Tongeren Belgium  
Phone: +32 1245 8330

**Tianjin, China**  
Fty 5, Ave. 9, TEDA  
Phone: +86 22 5981 3085