

S-381-N1

Micronized Wax Alloy

Shamrock's product line of micronized waxes provide rub and abrasion resistance. Included in this line are products that provide gloss, matting, clarity, and controlled slip in a range of particle sizes.





Product Description:

S-381-N1 is a micronized synthetic and natural wax alloy that has a uniform melting range peaking at 91°C.






Application:

S-381-N1 is used in both the ink and coating industry. S-381-N1 is recommended for liquid inks. S-381-N1 is also recommended for powder, water-based and UV coating systems at 1-5% of total formula weight. Note: Do Not Dissolve. Do not heat above 140 °F.

Features and Benefits:

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

Typical Properties:

| | |
|---------------------------------------------------------------------------------------------------------------|------------------------|
|  Specific Gravity: | 0.93 g/cm ³ |
|  Particle Size Mean Value: | 6 µm |
|  99% of Particle Under: | 14 µm |
|  NPIRI Grind: | 2.5 max |
|  Hegman Grind: | 6.5 min |

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 meets the requirements of 21 CFR 172.275, 172.615, 175.105, 175.125, 175.250, 175.300, 175.320, 176.170, 176.180, 177.1200, and 177.1390.

Safety, Shipping and Handling:

Precautions: **Do Not Dissolve. Do Not Heat Above 140°F/60°C**

For complete safety, shipping and handling information please contact your regional Customer Service Representative, or our Customer Service Team at customerserviceteam@shamrocktechnologies.com.

For **more** information about Shamrock's other products or capabilities please visit us at our website, ShamrockTechnologies.com.

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

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

Tianjin, China

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

The information contained in this technical data sheet is, to the best of our knowledge, true and accurate. No warranty, express or implied, is made regarding the accuracy of the information contained herein, or that results obtained from the use thereof will not infringe upon third party intellectual property rights.