

## S-394-MG

Synthetic/FT Wax Powder

### Product Description:

S-394-MG is a fine particle size, synthetic/FT wax powder.

### Application:

S-394-MG provides excellent rub/abrasion resistance to liquid inks, paste inks and thin-film coatings. It has a high onset of melting, which leads to insolubility and, in inks, excellent imprintability and freedom from overprint varnish "crawling."

### Recommended Level:

1.0 – 2.0% of total formula weight for liquid inks  
2.0 - 3.0% for paste inks and coatings

(Too much S-394-MG will cause gloss reduction.)

### Features and Benefits:

As part of the S-Series waxes, S-394-MG also features:

-  Excellent Recoatability
-  Consistently Narrow Particle Size Distribution
-  Compatibility With PTFE (0.5 – 1.0% SST-4 with 2 - 2.5% S-394-MG Recommended For Enhanced Rub Resistance)
-  Easy Dispersion With Mild Agitation (or High Speed Mixing Equipment)

### Typical Properties:

	Appearance:	Off White Powder
	Specific Gravity:	0.95 g/cm <sup>3</sup>
	Particle Size Mean Value:	3 – 4 µm
	99% of Particle under:	12 µm
	NPIRI Grind:	2.0 Max
	Hegman Grind:	6.75 Min
	DSC Melting Point:	235°F / 113°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.

### 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.

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