



**HHC**  
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# MS 800 Series

Matting Agent for UV Coatings

[www.hhc-silica.com](http://www.hhc-silica.com)

2023 Version





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Matting Agent For UV Coatings

Advantage

## High matting efficiency:

MS 800 series have excellent matting efficiency, that's mean use less addition to achieve same gloss; And for the overall formula, it can bring more benefit:

\*Reduce costs

\*Reduce the viscosity

\*Increased transparency

\*Increased physical strength

## Excellent feel to the touch:

Wax-treated silica can bring a good touch to the coating: delicate and smooth; and can improve the anti-settling performance of the matting agent.

## Stable gloss:

After the coatings has been stored for a long time, the gloss will not change due to long-term storage.

## Scratch resistance:

After the coatings film is formed, the surface of the coatings film has excellent scratch resistance, which improves the overall quality and service life.

## Stable viscosity:

During production, in the thermal cycle of the roller process, the viscosity of the coating is maintained at a stable value and controlled



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## Product Properties

### MS 800 Series for UV Coatings

Products	MS 8550	MS 8690	MS 870	MS 890
Particle Size D50 (um)	5.2~5.6	8.0~8.5	7.0~7.4	9.6~10.0
Oil Absorption DBP (g/100g)	140~200	240~300	220~280	160~220
Pore Volume (ml/g)	1.0	1.5	1.5	1.1
Heating Loss 105°C (≤%)	5	5	5	5
Ignition Loss 1000°C (≤%)	20	20	10	10
Surface Treatment	Wax-treatment	Wax-treatment	None	None
pH	6~8			



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## Application

Products	Features	Recommended Use in	Equivalent grades of other brands
MS 8550	Low viscosity	Roller application	SYLOID® RAD 2105 Silica
MS 8690	High matting performance	Suitable for most application	ACEMATT® OK 500
MS 870	Great transparency, Less foam when stirred, Low viscosity	PVC floor	Gasil® UV70C
MS 890	Big particle size	Spraying & Roller application	SYLOID® RAD 2105 Silica

Technology serves the business, Service doesn't end with delivery!

**Wuxi HHC New Material Co., Ltd**

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