

High-performance chemical and mineral specialties. Since 1894.

MAGRIS TALC

Lamellar and
microcrystalline talc types
for paint and coatings
applications

Properties and applications

Flow properties

- Cost-effective thixotropic agent
- Film stability
- Anti-settling properties
- Good dispersibility

Physical properties

- Softest occurring mineral
- Highly lamellar and plate-like
- Hydrophobic
- Oleophilic (natural affinity to oil)
- Chemically inert



Coverage and stain protection



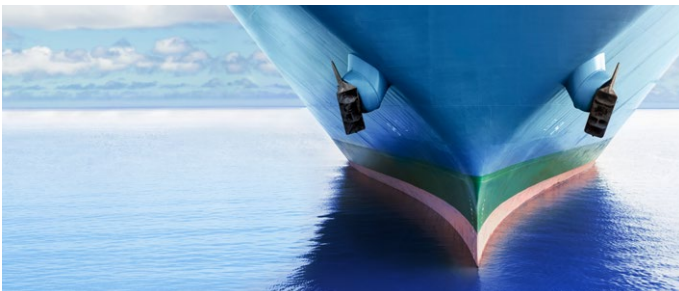
Higher filling levels in VOC formulations



OEM primers and top coats



Extender in DIY colors



High corrosion protection



Gel coats and antifouling



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Lamellar and microcrystalline talc types for paint and coatings applications

Today, talc is more than a simple mineral filler in the paint and coatings industry. MAGRIS TALC offers both, highly lamellar talc products, as well as microcrystalline and technically specified grades.



**SURFACE
TECHNOLOGY**

MAGRIS TALC Series

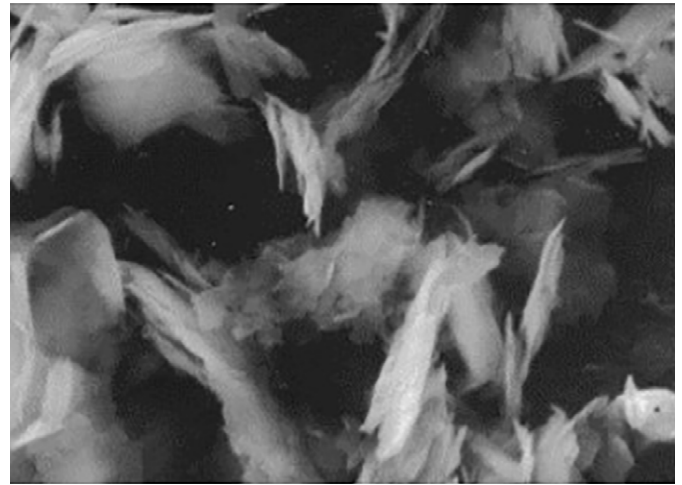
ARTIC MIST® , CIMPACT® , JetWhite® , JetFill® , JetFill®M, MAGRIS TALC MISTRON® , NICRON® , SIERRALITE® , SILVERLINE® , STELLAR® , VERTAL® , YELLOWSTONE®

Brilliant white JETWHITE®- and MISTRON® products combined with cost-effective NICRON®- and SILVERLINE® products offer the lab developer a high degree of flexibility to balance the benefits of technical color performance and improved processability with rising raw material prices and higher production output.

Dosage Depending on the application

Packaging Bags of 20 kg net / 22.68 kg (50 lbs) / BigBag 907 kg (2000 lbs)

Further information on the application, properties and processing of this product is available on request.



Product data

According to Regulation (EC) No. 1272/2008, the product is not a hazardous substance or hazardous substance mixture and does not require labeling.

Product	Delivery form	Application	Technical advantages	D50 Sedigraph [µm]	D98 Sedigraph [µm]	Brightness [GEB]
JETWHITE® 1H/HC	Bagged material submicron range	Additive for DIY wall paints, coating of metal cans (CanCoating)	maximum opacity and brightness, TiO2 extender in filler package	1.1	approx. 6 (Hegman 7.5)	Y90
JETWHITE® 7H/HC	Bagged, ultra fine	Additive for DIY wall paints, CanCoating	maximum opacity and brightness, TiO2 Extender	1.9	approx. 8 (Hegman 7)	Y91
NICRON® 665	Bagged, microcrystalline	Architectural and industrial topcoats and primers	good film resistance, and barrier properties, high brightness	1.2	approx. 9 (Hegman 6.5)	87
MISTRON® MONOMIX	Bagged, microcrystalline	demanding industrial coatings, anti-corrosion and primers	high aspect ratio, low oversize, anti-corrosive, rheological aid	2	approx. 10 (Hegman 6)	88
NICRON® 604 SILVERLINE® 604	Bagged, microcrystalline	Architectural and industrial topcoats and primers	high film resistance, barrier properties, corrosion protection, stain resistance	2.3	approx. 12 (Hegman 6)	85
STELLAR® 510	Bagged, lamellar talc	Topcoats with higher brightness and color brilliance	high film resistance, and barrier properties, bright talcum powder	5	approx. 15 (Hegman 5.5)	Y88
SILVERLINE® 504	Bagged, microcrystalline	Industrial top coats or primers with lower brightness	Corrosion protection properties, stain protection, film stability with high pigment volume distribution	3.2	approx. 20 (Hegman 5)	81

Product	Delivery form	Application	Technical advantages	D50 Sedigraph [µm]	D98 Sedigraph [µm]	Brightness [GEB]
NICRON® 403	Bagged, microcrystalline	Architectural and industrial topcoats, wood coatings and primers in general	Film resistance and flexibility, good barrier properties, aging resistant with semi-transparent wood stains, prevents bleeding in tropical wood, stain protection, reinforced corrosion protection	4.7	approx. 25 (Hegman 4)	83
MISTRON® 403	Bagged, microcrystalline	Architectural and industrial topcoats, wood coatings and primers in general	Film resistance and flexibility, good barrier properties, aging resistant with semi-transparent wood stains, prevents bleeding in tropical wood, stain protection, reinforced corrosion protection	4.5	approx. 25 (Hegman 4)	86
JETWHITE® 4H	medium particle size, bagged	Decorative paint systems and primers	high film resistance, provides good barrier properties, confers stain protection	5.7	(Hegman 4-4.5)	Y90
VERTAL® 77	Talc/Carbonate Extender, bagged goods	Modern primers, bleeding prevention, stain protection, sealers	good balance between pigment and filler to increase hiding power, film resistance and flexibility, dimensionally stable, good barrier properties	9	approx. 25	78
NICRON® 303	Bagged, microcrystalline	Architectural and industrial topcoats, primers, adhesives, sealants, wood putties, automotive repair putties	Film resistance and flexibility, dimensionally stable, good barrier properties, prevents bleeding in tropical wood, stain protection, reinforces corrosion protection, good sandability	7	approx. 30 (Hegman 3)	82
MISTRON® 303	Bagged goods, microcrystalline fine grain reduced	marine protective coatings, latex paints and high-performance paints for exterior use	Dispersing properties in high solid and conventional coatings, good rheological and anti-settling properties, good touch-up properties, lightfast and chalking resistant	7.5	approx. 35 (Hegman 3)	80
NICRON® 302	Bagged goods, microcrystalline fine grain reduced	marine protective coatings, latex paints and high-performance paints for exterior use	Dispersing properties in high solid and conventional coatings, good rheological and anti-settling properties, good touch-up properties, lightfast and chalking resistant	13	approx. 35 (Hegman 3)	84
VERTAL® 92	Talc/Carbonate Extender, bagged goods	Car repair filler, carbonate as grinding intensifier	highly lamellar talc, macrocrystalline 200 mesh, good grindability, prevents clogging of abrasive paper	17.5	approx. 45-50	Y72
SILVERLINE® 202	Bagged goods, microcrystalline fine grain reduced	Exterior airless spray applications, water-based architectural coatings	low viscosity applications, for semi-matt gloss (Sheen-Control), good rub resistance, low wear	19.8	approx. 50 (Hegman 2.5)	76
JETWHITE® 2H	Bagged, higher particle size	Architectural and industrial topcoats and industrial primers	Improvement of barrier properties, corrosion resistance, stain protection	11	approx. 60 (Hegman 2)	Y87
JETFIL® M200	Bagged, higher particle size	general applications for coarser talc	high purity, lamellar plate-like coarser talc, universal applications	10	approx. 60 (Hegman 2)	Y78
SILVERLINE® 001	Bagged, higher particle size	Industrial screeds, release agents, roofings	coarse talc as release agent for concrete and asphalt, bitumen applications, floor area, screeds	14	approx. 40-60	off-white type
VERTAL® AF	UL environmentally certified recycled product, BB 2000 lbs, small bags after request	Construction, bitumen applications, flooring, adhesives, sound insulation thick layer	Talc with high carbonate content (magnesite), product for applications with certificate of sustainability	23	325 Mesh (44 µm) screen pass. 60-85%	off-white type



ENVIRONMENTAL CLAIM VALIDATION SUMMARY

Magris Talc USA, Inc.
Vertal AF

Claim: Vertal AF contains a minimum of 100 % pre-consumer (post-industrial) recycled content.
Method: UL ECVP 2809 Recycled Content

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