

High-performance chemical and mineral specialties. Since 1894.



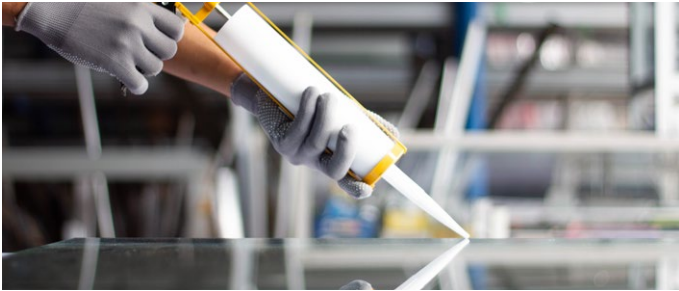
MAGRIS TALC

Talc products for
adhesives, sealants and
cementitious applications

Properties and applications

Mechanical properties

- Crack resistance
- Dimensional stability
- Good grindability
- Good matrix bonding
- Compressive strength
- Low viscosity



Adhesives and sealants



Self-leveling floor masses



Car repair putties



Ceramics in general, before and during firing



Plasters, mortars, slurries



Bitumen roofing membrane



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Talc products for adhesives, sealants and cementitious applications

Talc is more than a simple mineral filler in the construction industry today. MAGRIS TALC offers highly lamellar talc products, as well as microcrystalline and technically specially specified grades.



**SURFACE
TECHNOLOGY**

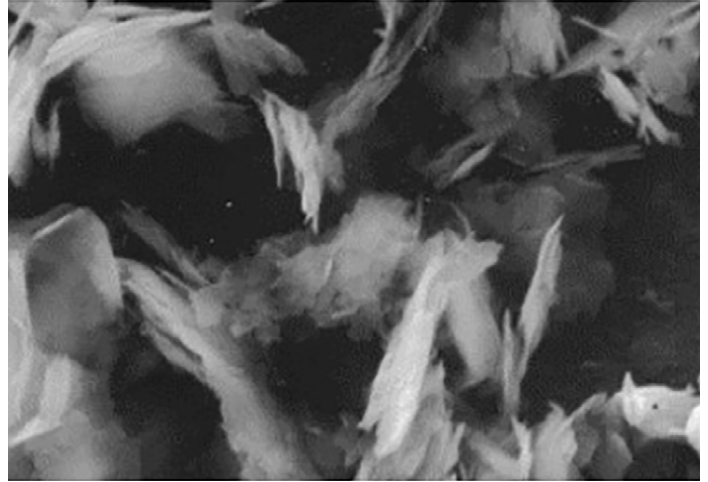
MAGRIS TALC Series

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

MAGRIS Talc products are high-purity, functional fillers ideal for putties and liquid compounds. Talc improves dimensional stability and strengthens putties and liquid compounds and provides additional protection against cracking and shrinkage. Talc products are the industry standard for grinding and polishing applications in the automotive repair sector.

For adhesives and sealants, VERTAL® series products with carbonate bonding are also available.

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.

Applications and benefits

Adhesives and Sealants:

Structural Adhesives
Sealants and Caulks
MS polymer adhesive
Pastes and Mastics

Improve adhesion
Enhance elasticity and cracking resistance
Low moisture content, no pre-drying
Joint and shape stable

Stucco and Cementitious application:

Filling and Jointing compounds
Slurries, mortars, plasters
Self-levelling floor compounds

Dimensional stability, compressive strength
Platelet barrier form covers matrix filler package
Platelet shape as natural affinity to organic binders

Wood and car repair putties:

Repair compounds all types
Filler and primers

Improved sandability, no clogging of the paper
Barrier properties, no bleeding of tropical woods

Bituminous applications and asphalt:

Bituminous Roofing membranes
Road construction, bridge waterproofing

Surface mineralisation, "green" membranes
Underlayment for hot asphalt

Ceramic applications and fireclay:

Ceramic masses
Cordierite chamotte
Firing process
Glazes and engobes

Increasing green strength, lower warpage
Low-iron filler for shape retention
Ceramic flux reaction
High-quality surfaces, reduce of firing defects

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]
NICRON® 302	Bagged, microcrystalline	Sealants and gaskets, pressure-sensitive and structural adhesives	high filler content with low viscosity, high brightness	13	approx. 30 (Hegman 3)	Y82
SILVERLINE® 303	Bagged material, microcrystalline, fine grain content	Pastes and sealants, cementitious and self-leveling floor compounds	top-cut modified for smooth surfaces and general aesthetic applications	6.1	approx 40	78
VERTAL® 92	Talc/Carbonate Extender, bagged goods	Car repair putties, carbonate as grinding intensifier	highly lamellar talc, macrocrystalline, good grindability, prevents clogging of abrasive paper	17.5	approx 45-50	Y72
VERTAL® 97	Talc/Carbonate Extender, bagged goods	Pastes and sealants, cementitious and self-leveling floor compounds	highly lamellar talc, macrocrystalline 200 mesh	15	approx. 74	Y72
SILVERLINE® 002	Bagged, microcrystalline	Pastes and sealants, cementitious and self-leveling floor compounds	high filler content with low viscosity	8.4	55	75
VERTAL® TC-100	Talc/Carbonate Extender, bagged goods	Pastes and sealants, cementitious and self-leveling floor compounds	higher crack resistance, better smoothing and grindability, macrocrystalline 200 mesh	16.4	325 mesh (44µm) screen pass. 88 %	off-white type
VERTAL® AF	UL certified as 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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