

Experts for high-performance chemical and mineral specialties. Since 1894.

A photograph of a modern bathroom sink. The sink is white and ceramic, with a sleek, curved design. It is set on a light-colored marble countertop. A chrome faucet with a curved spout is mounted on the sink. In the background, a large mirror reflects the scene, and a glass soap dispenser is visible on the left side of the sink.

MAGRIS TALC
Ceramic

Properties and applications

Mineralogical composition

- High purity microcrystalline talc
- Low alkali and iron content

Benefits

- Fluxing and processing additive
- Better firing color performance

Applications and benefits

Ceramic bodies	Improving silicate ceramics like steatite and cordierite chamotte
Unburned bodies	Increasing green strength, reduce warpage
Burned bodies	Talc to improve vitrification
Roofing & floor tiles	High purity talc for fluxing and processing additive
Sanitary ware, glazes and engobes	High-quality surfaces, reducing of firing defects
Blends & powders	Processing additive for spray dried steatite products in firing used excellent as a flux



Technical insulators



Technical ceramics



Silicate ceramics, before and during firing



Fire clay bricks



Less defects in engobes



Catalytic Converters



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www.lehvoss-surfacetec.de

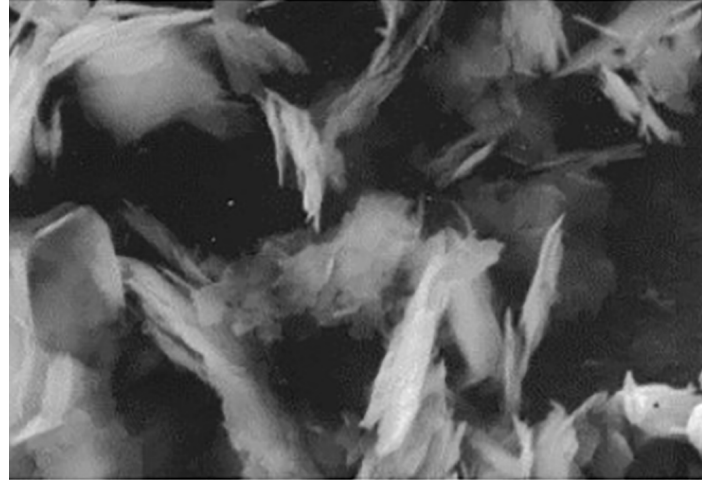
MAGRIS TALC Series

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.



Sustainable Talc Grades

JetFil® M-Series and Select Other Grades

Magris Talc is proud to announce our new contribution to the sustainable economy by converting mine-run waste grades into several high purity finished products that fall within prime grade specifications. These grades are produced at our ISO9001:2015 certified milling facilities.

Magris Yellowstone Mine, a high purity, micro crystalline talc deposit, has been in operation since 1942. In 2022, the mine shipped its 10-millionth ton of talc ore. Now with certified sustainable grades, we are better preserving the resource of a world class talc deposit by converting what once was a waste stream into high purity talc products.

The following talc products in the JetFil® M-Series, along with select other grades, have been validated by UL Environment, Inc. to bear the Environment Claim Validation logo and contain 100% pre-consumer (post-industrial) recycled content:

UL ECV 2809 100% Recycled Products

JetFil® M200

JetFil® M300

JetFil® M353

JetFil® M400

JetFil® M450

JetFil® M600

JetFil® M700

Mistron® 100

Mistron® 102

Mistron® 105

Mistron® Vapor RE

Silverline® 504

Mistron® Plus*

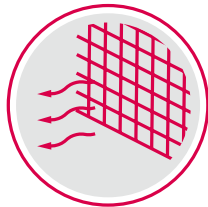
Mistron® Hp*

MistroFoam*

* >99% Recycled, JetFil grades only in BigBag



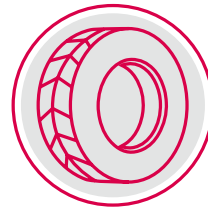
Polymers



Catalysts



Paints & Coatings



Rubber



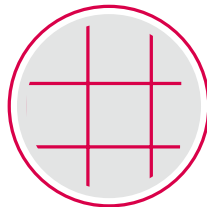
Adhesives, Caulks & Sealants



Agriculture



Building Materials



Ceramics



Paper



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]	Top cut	Brightness [GEB]
SILVERLINE® 303	natural white powder, bags	glazes for ceramics and sanitary ware	to avoid black spots, 98% talc, low carbonate, microcrystalline	6.1	ca. 40 (Hegman 3)	78
Steawhite® 2	natural white powder, bags	cordierite, high alumina, glaze and white porcelains	low iron, low alkali, 98% talc	10.4	ca. 40µm, 200 Mesh [74µm] passing 99.5%	83
Yellowstone®	natural white powder, bags	ceramic silicate bodies	high purity, 98% talc	10.5	ca. 40µm, 200 Mesh [74µm] passing 99.5%	83
Yellowstone® Ca	natural white powder, bags	ceramic silicate bodies	high purity microcrystalline talc 98%	10.5	passing 99.5%	n.n.
SILVERLINE® 001	natural white powder, bags	processing additive for brick, clay pipe, roofing	96% talc, low carbonate, moisture wt% 0.5	14	ca. 40-60	n.n.
Yellowstone® 805	bulk containers	ceramic silicate bodies, flux for high alumina ceramics and sanitary	high purity, 98% talc	lumps, LOI<5.2	inches < 5	80
Yellowstone® 736	bulk containers	ceramic silicate bodies, flux for high alumina ceramics and sanitary	high purity, >97% talc	lumps < 1 inches (2.54cm)	n.n.	76
JetWhite® A1	bulk containers	flux for high alumina ceramics and sanitary	low iron, better firing color performance	lumps <1 inches (2.54cm)	n.n.	Y87
SIERRALITE® 252HS	natural white powder, bags	ceramic casting and mould, coatings as release agent, pure chlorite	95% chlorite, < 5% talc	11.6	ca. 35	n.n.
SIERRALITE® 402HS	natural white powder, bags	ceramics and refractory materials requiring low thermal expansion and good thermal shock resistance	95% chlorite, < 5% talc	9.4	Hegman 3.5	n.n.
SIERRALITE® 603HS	natural white powder, bags	ceramics and refractory materials requiring low thermal expansion and good thermal shock resistance	95% chlorite, <5% talc, high brightness	3.6	Hegman 6	n.n.

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