

SIPERNAT® 800

Precipitated Sodium Alumino Silicate

Characteristic physico-chemical data*)

Properties and test methods	Unit	Value
BET Surface Area	m ² /g	125
Median particle size	µm	8
pH value 5 % in water following ISO 787-9	-	7
Linseed oil absorption	ml/100g	120
Specific Gravity	g/cm ³	2.0

The given data are typical values. Specifications on request.

Registrations

SIPERNAT® 800

CAS-No.
1344-00-9
<ul style="list-style-type: none"> Consistent quality excellence achieved through effective process control, an ISO:9001 registered quality management system and implemented GMPs

SIPERNAT® 800 Sodium Aluminosilicate is chemically synthesized using state-of-the-art manufacturing technology. Statistical process control and statistical quality control ensure quality and uniformity of SIPERNAT® 800. SIPERNAT® 800 Sodium Aluminosilicate is a versatile, cost effective color pigment/titanium dioxide (TiO₂) extender. The product is capable of reducing overall material costs. Only available in North America

Properties and applications

- Reduces pigment material costs
- High brightness
- Outstanding sheen control
- Improves color pigment/ TiO₂ dispersion
- Chemical inertness provides excellent compatibility with other paint raw materials
- Equally effective in solvent born and water born systems
- Good overall balance of physical properties in addition to TiO₂ spacing capabilities

Safety and handling

Information concerning the safety of this product is listed in the corresponding Safety Data Sheet, which will be sent with the first delivery or upon updating. Such information is also available from Evonik Operations, Product Safety Department, E-MAIL sds-im@evonik.com We recommend to read carefully the safety data sheet prior to the use of our product.

Packaging and storage

For details regarding our packaging options for this product, please contact your local sales representative.

Our silica products are inert and extremely stable chemically. However, due to their high specific surface area, they can absorb moisture and volatile organic compounds from the surrounding atmosphere. Therefore, we recommend storing the products in sealed containers in a dry, cool place, and removed from volatile organic substances. Even if a product is stored under these conditions, after a longer period it can still pick up ambient moisture over time, which could lead to its exceeding the specified moisture content. For this reason, our recommended use-by date is 24 months after date of manufacture. Product more than 24 months old should be tested for moisture content before use in order to make certain that it is still suitable for the intended application.

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