

DESCRIPTION

SIPERNAT® 26 is a specially engineered precipitated silica that functions as a conditioning agent and carrier. It can be used to improve flow behavior and storage stability of powdered materials, and it may impart rheological and matting benefits to liquid coatings.

KEY BENEFITS

- cost-effective matting agent
- low shear thickening
- anti-caking and free flow agent for powders

SUITABILITY**solventborne****direct grind****waterborne**

● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

- Wood coatings
- Overprint varnishes
- Powder coatings
- Floor coatings
- Decorative coatings
- General industrial coatings

TECHNICAL DATA

appearance	white solid
delivery form	free-flowing powder
oil absorption	215 ml/100g
loss on drying	7 %
particle size, d₅₀	7 µm
pH value, 5% in water	7
specific surface area (BET)	150 - 200 m ² /g

HANDLING & STORAGE

When stored in its original unopened packaging, the product has a shelf life of 24 months from the date of manufacture. Evonik precipitated silica products are extremely chemically stable. However, precipitated silicas, including this product, can absorb moisture and/or volatile organic compounds from the surrounding atmosphere. Therefore, we recommend storage in original sealed packaging and in a dry, cool place and removed from volatile organic substances. Even if a product is stored under these conditions, over periods of time the material may still pick up enough moisture to exceed the moisture content that is specified "as packaged" or at the time of packaging.

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

Evonik Operations GmbH | Goldschmidtstraße 100, 45127 Essen, Germany | Telefon +49 201 173-2222 Telefax +49 201 173-1939 | www.coating-additives.com