

Specialty filler

SIPERNAT® 28

DESCRIPTION

SIPERNAT® 28 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

- low shear thickening
- cost-effective matting agent
- anti-caking and free flow agent for powders
- typical carrying capacity of approximately 66%

SUITABILITY

solventborne



direct grind



waterborne



● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

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

TECHNICAL DATA

appearance	white solid
delivery form	free-flowing powder
oil absorption	220 ml/100g
loss on drying	7 %
particle size, d ₅₀	3.6 µm
pH value, 5% in water	7
specific surface area (N ₂)	250 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.

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