

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

## 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 $\mu\text{m}$
pH value, 5% in water	7
specific surface area ( $\text{N}_2$ )	250 $\text{m}^2/\text{g}$

## HANDLING & STORAGE

When stored in an original unopened packaging, the product has a shelf life of 24 months from the date of manufacture. We recommend to store the product in closed containers under dry conditions and to protect the material from volatile substances.

## TYPICAL APPLICATIONS

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

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](http://www.coating-additives.com)