

**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**

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

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