

Specialty filler

# SIPERNAT® 800

## DESCRIPTION

SIPERNAT® 800 is a precipitated synthetic sodium aluminosilicate that is manufactured in the USA. It is a versatile, cost-effective titanium dioxide extender for paints and coatings applications.

## KEY BENEFITS

- improved gloss reduction
- improved dry opacity
- improved washability and scrub resistance

## EFFECT

### Dry Opacity



### Washability and scrub resistance



### Gloss reduction



## SUITABILITY

### direct grind



### solventborne



### waterborne



● not suitable ● partly suitable ● suitable

## TYPICAL APPLICATIONS

- High PVC architectural interior paints
- High hiding wall primers
- DIY paints applied using brush, spray, or roller
- Low-sheen premium quality wall paints
- Breathable facade and concrete coatings

## TECHNICAL DATA

delivery form	free-flowing powder
DOA absorption	120 ml/100g
loss on drying	6 %
particle size, d <sub>50</sub>	8 µm
pH value, 20% in water	7
specific gravity	2.0
specific surface area (BET)	125 m <sup>2</sup> /g

## RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 0.5 - 5 %

## PROCESSING INSTRUCTIONS

- Addition to the coating as supplied, preferably at the grinding stage.
- Addition into grind preferably before adding TiO<sub>2</sub>.

## 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.

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)