

## DESCRIPTION

SIPERNAT® 38 is a specially engineered precipitated silica that has been developed for use in defoamers where its properties enable highly efficient destruction of both micro- and macro-foam. It can be readily surface treated using either a dry roast or in situ process, and, as a micronized powder, its relatively small particle size and narrow particle size distribution make it the first choice for in-situ production of hydrophobic surface-treated silica.

## KEY BENEFITS

- easy to process
- manufactured under GMP
- suitable for food contact compliant formulations

## SUITABILITY

solventborne



direct grind



waterborne



● not suitable ● partly suitable ● suitable

## TYPICAL APPLICATIONS

production of efficient and effective defoamers

## TECHNICAL DATA

appearance	white solid
delivery form	free-flowing powder
oil absorption	205 ml/100g
loss on drying	7 %
particle size, d <sub>50</sub>	4.5 μm
pH value, 5% in water	8.5

## HANDLING &amp; 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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