

## Product Information

**SIPERNAT® 38**

SIPERNAT® represents a specific product range of precipitated silica, aluminum and calcium silicates.

**CAS NUMBER**

112926-00-8 / 7631-86-9

**PRODUCT DESCRIPTION**

Evonik specialty silicas for Defoamers have been developed to facilitate the coalescing of foam bubbles. Our Defoamer silicas are highly effective for breaking foam bubbles, independent of the kind of foam, macro as well as micro foam. Evonik silicas for defoamers are created according to Evonik unique proprietary Controlled Function Technology (CFT) manufacturing and milling process. They are designed to allow easy surface treatment in either Dry Roast or In-Situ processes. The resulting product yields efficiency for the majority of foam applications. SIPERNAT® 38 Silicon Dioxide has a fine particle size of maximum 4.5 micron, a very narrow particle size distribution, and is a micronized powder. It is the first choice for in-situ surface treatment to make the product hydrophobic. It can be used universally for all defoamers within a wide range of industries.

Properties and test methods	Unit	Value
Median particle size	µm	≤ 4.5
Linseed oil absorption	ml/100g	190-220
Loss on drying	%	7
pH value, 5 % in water	-	8.0-9.0

\*) The given data are typical values. Specifications on request.

**TYPICAL APPLICATIONS**

Typical applications: defoamer

**BENEFITS & ADVANTAGES**

- Easy to process
- Uniform particle size
- Effective in use
- FDA conforming
- Manufactured under GMP

**HANDLING & PROCESSING**

Information concerning the safety of this product is listed in the corresponding Safety Data Sheet. Such information is available from Evonik Operations, Product Safety Department, E-MAIL sds-im@evonik.com. We recommend reading the SDS carefully prior to the use of our product.

**PACKAGING**

For details regarding the packaging options for this product, please contact your local sales representative.

**STORAGE**

Our silica products are inert and extremely chemically stable. However, due to their high specific surface area, they can absorb moisture and volatile organic compounds from the surrounding atmosphere. Therefore, we recommend storing the products in sealed packages in a cool, dry location and removed from volatile substances. Even if the product is stored under these conditions, after a longer period ambient moisture can accumulate, which could lead to the product exceeding its specified moisture content.

**SHELF LIFE**

2 years

**REGISTRATION LISTING**

SIPERNAT® 38

CAS-No.	112926-00-8 (ex 7631-86-9)
---------	-------------------------------

#### **Disclaimer**

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**

Silica  
Rodenbacher Chaussee 4  
63457 Hanau  
Germany  
Phone +49 6181 59-12532  
Fax +49 6181 59-712532  
ask-si@evonik.com  
ask-si-asia@evonik.com  
ask-si-america@evonik.com  
[www.silica-specialist.com](http://www.silica-specialist.com)