

## NUOSPERSE® FX 7600W

Wetting and dispersing agent for waterborne systems

### GENERAL INFORMATION

**NUOSPERSE® FX 7600W** is a non-ionic wetting and dispersing agent designed for water-borne industrial coatings, inks, and pigment concentrates. It offers efficient viscosity reduction and outstanding color strength development in carbon black and organic pigments dispersions.

### CHEMICAL & PHYSICAL PROPERTIES

Composition	Aqueous solution of surface active substances and polymers containing multiple anchoring groups
Appearance	Clear to slightly yellow liquid
Active Content	ca. 35 %
Density	1.03 g/cm <sup>3</sup>
Brookfield viscosity	ca. 300 cps
Solvent	Water
pH Value	8.0 - 9.5

These are typical properties not to be used for specification purposes.

### APPLICATIONS

- General industrial coatings
- Waterbased inks
- Pigment concentrates

### KEY PROPERTIES

- High efficiency & improved pigment wetting
- Excellent viscosity reduction
- Low foaming
- Long-term storage and viscosity stability
- Ease of use

*continued...*

## NUOSPERSE® FX 7600W

### INCORPORATION

Add before pigment loading stage. Disperse under high shear with a Cowles dissolver or mill.

### LEVELS OF USE

Recommended usage level (as supplied on grind formulations):

Binder resin-containing: 1 – 5 %

Binder resin-free: 20 – 40%

A ladder study is recommended to obtain optimum results.

### COMPATIBILITY

**NUOSPERSE® FX 7600W** is compatible with most waterborne formulations.

### HEALTH & SAFETY

Use proper personal protective equipment when handling.

Before using this product please consult our Safety Data Sheet (SDS) for information on safe handling and storage. The SDS can be found on the company website.

### SHELF LIFE

**NUOSPERSE® FX 7600W** has a shelf life of 2 years from date of manufacture.

### STORAGE RECOMMENDATIONS

Keep container tightly closed in a dry and well-ventilated area.

Store between 4 °C to 40 °C. It may solidify or show hazy appearance when temperature is below 0 °C. If this appears, mildly heat it to 25 °C or above until the product becomes clear. Stir to homogeneous before use.

### QUALITY ASSURANCE

Quality system at the site manufacturing this product complies with and is certified to ISO 9001 quality standards.

### SUSTAINABILITY

**NUOSPERSE® FX 7600W** is a water-based and organic solvent-free product.

*NOTE: The information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall not rely on statements herein when purchasing any products. Purchasers should make their own investigations to determine if such products are suitable for a particular use. The products discussed are sold without warranty, express or implied, including a warranty of merchantability and fitness for use. Purchasers will be subject to a separate agreement which will not incorporate this document.*

© Copyright 2024, Elementis Specialties, Inc. All rights reserved. Copying and/or downloading of this document or information therein for republication is not allowed unless prior written agreement is obtained from Elementis Specialties, Inc.

© Registered trademark of Elementis Specialties, Inc.

North America  
Elementis  
469 Old Trenton Road  
East Windsor  
NJ 08512, USA  
T: +1 609 443 2500

Europe  
Elementis UK Ltd.  
c/o Elementis GmbH  
Stolberger Strasse 370  
50933 Cologne, Germany  
T: +49 221 2923 2066

Asia  
Deuchem (Shanghai) Chemical Co., Ltd.  
99, Lianyang Road  
Songjiang Industrial Zone  
Shanghai, China 201613  
T: +86 21 5774 0348