

## Disponer 912

### Wetting and Dispersing Agent

#### GENERAL INFORMATION

A most effective wetting and dispersing additive improve the wetting of pigment surfaces, wood surfaces and organically treated Bentonites.

#### CHEMICAL & PHYSICAL PROPERTIES

Composition	solution of a salt of polyamide and polyester, electro neutral
Appearance	yellow brown clear liquid
Non-volatile content	48 - 52 %
Solvent	xylene / Isobutyl alcohol
Specific gravity	ca. 0.91
Acid value	24 - 34 mg KOH / g
Refractive index	1.482 - 1.492 (25 °C)

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

#### APPLICATIONS

- Disperse of inorganic pigment for solvent-based systems.
- Activator of bentonite.
- Gravure printing inks / Screen printing inks.

#### KEY PROPERTIES

- **Disponer 912** is an excellent wetting, pigment grinding and anti-flocculation aid in cases where the hydrophilicity of the pigments normally makes their dispersion in hydrophobic binders difficult or impossible.
- Be recommended to add into the wood primer in order to improve the wetting of the wood surface and enhance the releasing of air encapsulate.
- Significantly **Disponer 912** can improve the wettability of pigments; at the same time, the grinding time is reduced, and the hiding power as well as the gloss of the paints film increased. In combination with bentonite type materials, the gelling properties of the corresponding pastes are very favorably influenced; at a correct dosage level, even pumpable pastes can be produced without fear of crusting or formation of hardened edges in practice.

#### INCORPORATION

We suggest the alcohol and acetate solvent must be added after grinding stage.

Incorporated before grinding, dispersing with pigment.

#### LEVELS OF USE

Inorganic pigment: 0.2 - 5.0 % based on inorganic pigment.

0.2 - 0.4 % based on wood primer.

For organic bentonite pregel gels use 10 - 50 % on the organic bentonite.

#### HEALTH AND SAFETY

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.

#### STORAGE RECOMMENDATIONS

Keep away from sources of ignition and heat, as well as container tightly closed in a dry and well-ventilated place.

Stored between 0 °C to 40 °C.

At temperature above 40°C the product may change color during storage, please restores to 10 - 40 °C, it has no influence on product.

## Disponer 912

### SHELF LIFE

**Disponer 912** has a shelf life of 18 months from date of manufacture.

### QUALITY ASSURANCE

Since 1992 the company is a holder of the ISO 9001 / ISO 9002 certificates, which guarantees that all operations are conducted according to the stipulated standards.

*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 2018, 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.

© Trademark of Elementis Specialties, Inc.

V01 Feb. 2018

#### North America

Elementis  
469 Old Trenton Road  
East Windsor  
NJ 08512, USA  
Tel.: +1 609 443 2500  
Fax: +1 609 443 2422

#### Europe

Elementis UK Ltd.  
c/o Elementis GmbH  
Stolberger Strasse 370  
50933 Cologne, Germany  
Tel.: +49 221 2923 2066  
Fax: +49 221 2923 2011

#### Asia

Deuchem (Shanghai) Chemical Co., Ltd.  
99, Lianyang Road  
Songjiang Industrial Zone  
Shanghai, China 201613  
Tel.: +86 21 5774 0348  
Fax: +86 21 5774 3563