

BENTONE® P380 MS

Easy to use Rheological Additive for paints and coatings

GENERAL INFORMATION

BENTONE P380 MS is a pre-activated hectorite based organoclay in odourless mineral spirits. It comes in a paste form that is easier to use in production and gives higher efficiency than powdered organoclays, ensuring more consistent finished products.

CHEMICAL & PHYSICAL PROPERTIES

Composition	pre-activated hectorite clay
Form	paste
Viscosity Brookfield TF spindle @ 2.5 rpm	1300 - 2700 cps

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

APPLICATIONS

- Adhesives and mastic compounds
- Aerosol paints
- Anti-corrosive paints
- Automotive finishes, primers
- Industrial paints
- Interior and exterior architectural paints
- Plastisols, organosols
- Primers
- Refinish systems
- Wood stains

KEY PROPERTIES

Advantages of **BENTONE P380 MS** pre-activated hectorite clay:

- Provides viscosity consistency
- No dust and ready to use
- Possible to use in post addition

- Contributes to process optimization, reducing production time
- Contributes to easily dispersible formulas
- Easier to adjust rheology

INCORPORATION

BENTONE P380 MS can be added at any suitable stage during the manufacturing process.

BENTONE P380 MS is a highly viscous, shear-thinning product. To ensure incorporation and homogeneity are achieved, medium to high-shear dispersion equipment is recommended.

LEVELS OF USE

For most industrial paints typical levels are between 2% and 4% of **BENTONE P380 MS** based on total system weight. In synthetic resins (epoxy, polyester), quantities range between 4% and 8%.

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

BENTONE P380 MS should be kept in a cool, dry location, away from heat

SHELF LIFE

BENTONE P380 MS has a minimum shelf life of 2 (two) years 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 Aug. 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