

Product Characteristic

Appearance	clear yellow liquid
Density	approx. 0.90 g/cm ³
Viscosity	approx. 150 mPa*s
Active content	approx 40 %
Solvent	xylene



Product Description

Deuteron ND 960 HF is a combination of fatty acid amide and N-heterocycle derivative dissolved in aromatic hydrocarbons.

It is a surface-active additive with a strong viscosity reducing effect. Even in small quantities it increases the wetting capacity of unsaturated polyester systems and thus improves the dispersing properties.

Applications

Deuteron ND 960 HF is particularly suitable for highly filled unsaturated polyester systems such as fillers. It improves in particular:

- › Wetting and dispersing properties (viscosity reduction)
- › Substrate wetting

Dosage

The addition level of Deuteron ND 960 HF depends on the wetting properties of the binder and on the surface area of the pigments.

Relative to the pigment content 0.1 – 0.5 % are a good starting point for formulation trials.



Technical Data Sheet

DEUTERON ND 960 HF

Dispersing Agent for Unsaturated Polyesters

Deuteron[®]
ADDITIVES TO YOUR SUCCESS

■ Processing

Deuteron ND 960 HF is added to the resin component before grinding. Simple premixing is sufficient. If the additive is to be added after grinding or immediately before processing (before addition of peroxides), thorough mechanical mixing is recommended.

■ Storage Conditions

24 months at room temperature and dry conditions. Storage temperature should not exceed 35 °C.

■ Package Sizes

Steeldrum (25 kg net)

■ Safety

According to Regulation (EC) No. 1272/2008 Deuteron ND 960 HF is classified as a dangerous product and therefore does need to be labelled.

For detailed information please refer to the Safety Data Sheet and Regulatory Information Sheet. The documents are also available on our website:

<https://www.deuteron.com/en/download-center/>

■ Deuteron: First class products for the coating industry

Deuteron GmbH successfully develops and sells innovative additives since 1977. Our product range consists of matting agents, anti-static additives, texturing additives, thickeners and UV initiators. In the course of our company history we have become an important partner of the national and international paint, lacquer and coating industry with sales partners around the globe.

This leaflet intends to give technical advice without warranty and does not claim to be complete.



DEUTERON GmbH
In den Ellern 2-4
28832 Achim, Germany

Phone: +49 (0) 421 48 99 03 -0
Fax +49 (0) 421 48 99 03 -60

Mail contact@deuteron.com
URL www.deuteron.com

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081-122114