

ULTRALUBE® MD-2011

Product Description:

Ultralube® MD-2011 is an aqueous micro dispersion based on HDPE wax improving the surface qualities of water based printing inks, overprint varnishes and lacquers.

Ultralube® MD-2011 is characterized by high effectiveness.

Technical Data:

Form supplied	: white liquid
Solids type	: HDPE wax
Solids content	: 40% ± 1
pH	: 3.5 ± 0.5
Ionic character	: nonionic
Melting range	: ~128°C

Processing:

Ultralube® MD-2011 is stirred directly into the formulation.

Stir well before use!

Dosage:

1-6% in reference to the entire formulation

Properties:

Ultralube® MD-2011 is used in:

- * printing inks
- * overprint varnishes
- * lacquers

in order to increase or improve:

- * abrasion resistance
- * mar and scuff resistance
- * slip

without influence to the degree of gloss of the base formulation at recommended dosage level.

Packaging:

- 120 kg drum - 1000 kg IBC - tank car

Storage / Transport:

This product is stable for at least twelve months at temperatures of 5°C to 30°C.

!! Keep from freezing and temperatures higher than 30°C !!

Transport Classifications:

For further information please refer to the material safety data sheet.

EEC-Labeling Requirements:

For further information please refer to the material safety data sheet.

FDA-/BfR-Regulations:

FDA : All raw materials used in Ultralube® MD-2011 fulfil the requirements of FDA 21, CFR 175.105, 176.170 and 176.180 .

BfR : All raw materials used in Ultralube® MD-2011 fulfil the requirements of BfR XIV and XXXVI.

issue date: 10.03.2017
edition/supersedes: 09/16
revision: 3

All information given here are based on our own research or the research of others and believed to be accurate and shall give the user guidance for the application. Nevertheless these data are no specification and due to the versatile possible formulations, applications, processings and further parameters at the formulator/user the usage of this product has to be tested carefully in the particular system/application by the formulator/user. All information mentioned here are not warranted properties. There is no responsibility of the seller if the material is used outside the recommended field of use; any liability, also for any patent infringement, cannot be derived from this.