



Technical Data Sheet

# DEUTERON WD TF

PTFE modified PE Wax dispersed in water

**Deuteron**<sup>®</sup>  
ADDITIVES TO YOUR SUCCESS

## Product Characteristic

Appearance	white suspension
Density	approx. 1.03 g/cm <sup>3</sup>
PE-Melting point	101 °C
Particle size	approx. 5.5 µm
Active content	50 %
Viscosity	approx. 2000 mPa*s



## Product Description

Deuteron WD TF is an additive free dispersion of micronized Polytetrafluorethylene modified Polyethylene wax in water. The addition of PE/PTFE wax imparts excellent surface protection and slip reduction without significant influence on the gloss.

Deuteron WD TF is an easy to use liquid that is suitable for the use in auto dosage units. The dispersion is made without using dispersing additives, emulsifiers and defoamers and thus highly compatible without negative influence on the coating performance.

## Applications

Deuteron WD TF is suitable for a wide range of applications including:

- › Wood and joinery coatings
- › Flexographic inks
- › Overprint varnishes
- › Metal coatings

The use of Deuteron WD TF especially improves performance in:

- › COF (coefficient of friction) reduction
- › Mar and abrasion resistance
- › Anti-blocking performance
- › Metal marking resistance

## Dosage

0.5 - 6.0 % (calculated on the complete formulation) depending on binder, application and required properties.



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## ■ Processing

Deuteron WD TF is easy to disperse and can be incorporated using a common high-speed stirrer. It is recommended to add Deuteron WD TF while stirring to avoid eventual agglomeration caused by concentration differences.

## ■ Storage Conditions

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

## ■ Package Sizes

Plastic barrel (30 kg net)

## ■ Safety

According to Regulation (EC) No. 1272/2008 Deuteron WD TF is not classified as a dangerous product and therefore does not 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.



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