



Technical Data Sheet

DEUTERON WAX A

Amide Wax

Deuteron[®]
ADDITIVES TO YOUR SUCCESS

■ Product Characteristic

Appearance	white Powder
Density	approx. 0.99 g/cm ³
Melting point	143 °C
Particle size	approx. 6.5 µm



■ Product Description

Deuteron Wax A is a micronized amide wax for excellent velvet surface feel, sand ability and grain enhancement (Anfeuerung). Deuteron Wax A is a universal product that can be used in solvent based, water based, 100 % (e.g. UV curable) systems and powder coatings.

In oven cured coatings (e.g. can coatings or powder coatings) Deuteron Wax A leads to excellent meat-release properties (can coatings) or in combination with Benzoin to outstanding degassing (powder coatings).

■ Applications

Deuteron Wax A is suitable for a wide range of applications including:

- › Wood and joinery coatings
- › Flexographic and gravure inks
- › Overprint varnishes
- › Metal coatings (can and coil coatings)
- › Powder coatings

The use of Deuteron Wax A especially improves performance in:

- › Velvet surface feel (soft touch)
- › Sanding properties
- › Long lasting wood grain enhancement (clear coats)
- › Degassing (Powder coatings)
- › Meat-release properties (Can coatings)

■ Dosage

0.5 - 3.0 % (calculated on the complete formulation) depending on binder, application and required properties.



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■ Processing

Deuteron Wax A is easy to disperse and can be incorporated using a common high-speed stirrer. In low viscous systems it might be necessary to use a high shear dispersing unit to properly disperse the material.

The addition of Deuteron Wax A in water-based coatings can be critical and high shear forces can be necessary to ensure a proper dispersion. For water-based coatings please check also our highly concentrated and easy to use **Deuteron WD A**.

■ Storage Conditions

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

■ Package Sizes

Paper bag (15 kg net)

■ Safety

According to Regulation (EC) No. 1272/2008

Deuteron Wax A 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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