

## DEUREX® MF 5615 W

## TECHNICAL INFORMATION

Chemical description: Spherical, micronized polyethylene wax modified with PTFE

Applications: For aqueous paints and coatings, such as can-, wood-, industrial- and

powder coatings

**Properties:** • very good mar-and scratch resistance

· less hydrophobic than other micronized waxes

• hydrophilic character - easy to disperse with low content of surfactants in

aqueous systems

• improves slip and anti-blocking

harder than DEUREX® MO 4615

Advantages: • spherical particle shape made by DEUREX spraying technology

• narrow particle size distribution

· easy to disperse because of spherical particle shape

guaranteed maximum particle size

Technical data: Colour: white

Form: micro fine powder

**Minimum** Method Maximum Particle size\*:  $99\% < 15 \mu m$ LV 5  $50\% < (6 \mu m)$ (ISO 13320-1) 102°C 105°C Melting point (wax): LV 1 Melting point (PTFE): 320 °C 340 °C LV 1 (DIN EN ISO 3146) Penetration: 1,5 dmm 2,5 dmm LV 4 (DIN 51579) Density (23°C): 0,98 g/cm3 1,00 g/cm<sup>3</sup> LV3 (DIN EN ISO 1183)

Admissions: Directive 2002/72/EC from 2002-08-06

BfR-recommendations (German) II. - V. - VI. - XXI. - XXV. - XXXVI/1. - XLVI. Food and Drug Administration (FDA) §§ 175.105, 175.300, 177.1520,

177.1620

(Admission by considering the limitations)

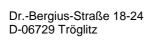
**Safety:** The product is no dangerous preparation, according to Directive 1999/45/EC,

Article 2 (2) - see Material Safety Data Sheet.

This datasheet is based on our current knowledge and experience. In view of the individual factors that may affect processing and application, this data does not relieve users from the responsibility of carrying out their own tests and experiments, neither do they imply any legally binding assurance of certain properties.

No. 573 E ® registered trademark by DEUREX

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<sup>\*</sup> part of certificate of analysis