

## **DEUREX® X 5217 M**

**TECHNICAL INFORMATION** 

Chemical description: Bio-based micronized sugar cane wax

Benefits: Natural wax from renewable raw materials with a very attractive

price-performance ratio

Replacement of previously used fossil wax products in many applications

No seasonal fluctuations in availability (as carnauba or montan wax)

100% Bio-based wax (DIN EN 16640)

Compostable according to DIN EN 13432

Applications: Suitable for water-based and solvent-based systems

Sustainable formulations

BIO plastics, BIO paints and coatings, BIO lubricants, BIO hot melts,

Paints and coatings

Matting agent

Increased scratch resistance and grip

Printing inks

Excellent abrasion-, scratch- and mar-resistance

Processing aid

Same abrasion resistance ratio whilst using a lower dosage of wax, compared

to conventional waxes

Technical data: Colour: Light amber

Delivery form: **DEUREX® X 5217 M** = Micronized powder

	Minimum	Maximum	Method
Particle size*: Typical value:		98 % < 17 μm 50 % ~ 8 μm	LV 5 (DIN ISO 13320)
Drop point:	78 °C	82 °C	LV 12 (DGF M-III 3)
Penetration*:	3,0 mm*10 <sup>-1</sup>	7,0 mm*10 <sup>-1</sup>	LV 4 (DIN 51579)
Density (23 °C):	0.80 g/cm <sup>3</sup>	0.85 g/cm <sup>3</sup>	LV 3 (DIN ISO 1183)

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

FDA Status/Regulation: GRAS - Generally recognized as safe (USA). Approvals:

INCI (International Nomenclature Cosmetic Ingredients): Saccharum officinarum cera. USA: FDA 21 CFR §§ 174.5, 175.105, 175.300, 175.320, 176.170, 177.1200, 177.1550

(Approvals with regard to limitations and migration values in the final application)

Alternative delivery forms: **DEUREX® X 52 G** - Granules

This data sheet 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. Existing industrial/commercial protective laws have to be considered by the recipient. Updated versions of the data sheet replace all formerly existing versions. ® - registered trademark by DEUREX

Revision: