



DECOSPHAERA[®] BIO 8 TR



Chemical description and main use

DECOSPHAERA[®] BIO 8 TR is an aliphatic polyurethane matting agent obtained from renewable vegetable sources with a solvent-free industrial process.

Typical values

Appearance at 20 °C: White powder

Dry content: 99 ± 1 %

pH (10% dispersion): 6 - 9

Oil absorption: 60 – 110 %

Granulometry D(50): 3 – 8 (µm)

Bulk density: 300 – 500 (g/l)

Product properties

Due to the good overall compatibility, DECOSPHAERA[®] BIO 8 TR can be used with any type of waterborne binders.

DECOSPHAERA[®] BIO 8 TR is suitable for the formulation of very low gloss finishes where soft effect and high slip are required, combined remarkable transparency, very good abrasion resistance and high resistance to scratch and polishing effect.

Similar characteristics can also be obtained with solvent-based or solvent-free paints, but compatibility must be checked at the time of use.

Applications

Due to its granulometric features DECOSPHAERA[®] BIO 8 TR is particularly indicated in the field of Wood and Leather.

It can be incorporated in any phase of processing as long as a suitable stirring is applied.

The dosage of DECOSPHAERA[®] BIO 8 TR in the varnish depends on the desired result for matt and haptic effect.

Sustainability features

DECOSPHAERA[®] BIO 8 TR is made with raw materials from renewable vegetal sources, obtained from plant-derived substances that, at the best of our knowledge, are not in competition with food production.

Biobased Carbon content C^{24}/C^{total} according to ASTM D6866: 52% ± 3

Storage and handling

DECOSPHAERA[®] BIO 8 TR is stable for 12 months after production date, provided it is kept in dry and cool areas, in original sealed boxes.

Suggested storage condition is between +5°C and +30°C.

Packaging

DECOSPHAERA[®] BIO 8 TR is available in 20 kg boxes.

Material safety

Please consult the safety data sheet of DECOSPHAERA[®] BIO 8 TR before use.

Regulatory information

In case compliance with specific regulations is required please contact our sale representatives.

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This information and our technical recommendations, if any, both verbal and in writing, are given to the best of our knowledge, without any express or implied warranty, e.g., regarding their fitness for a specific purpose. Each user of our products is the sole responsible for assessing and ensuring compliance with all legal regulations including intellectual property laws and necessary certifications and authorizations with respect to the use, combination and processing of our products. Our technical recommendations do not release the user from the obligation to check its validity and to test our products as to their suitability and fitness for the intended processes and uses. The application, use and processing of both our products and the products manufactured by the user (on the basis of our technical recommendations, if any) are beyond our control and, therefore, the user is the sole responsible for them. Detailed information and instructions on handling the products and cautions to be observed in the use of them are available in our relevant Safety Data Sheet.