



DECOSPHAERA[®] TRANSPARENT 15 PC

Chemical description

DECOSPHAERA[®] TRANSPARENT 15 PC is a matting agent obtained from a solvent-free industrial process based on a polycarbonate technology.

Main use

DECOSPHAERA[®] TRANSPARENT 15 PC is suitable for the formulation of very low gloss finishes with remarkable transparency, very good abrasion resistance and high resistance to scratch and polishing effect.

Typical values

Aspect: White powder

pH (10%): 5 - 8

Oil absorption: 70 – 120 %

Dry content: 99 ± 1

Bulk density: 400 – 700 g/l

Particle size d(50): 11 – 15 µm

Product properties

The dosage of DECOSPHAERA[®] TRANSPARENT 15 PC in the varnish depends on the desired result for matt and haptic effect.

Due to the good overall compatibility, DECOSPHAERA[®] TRANSPARENT 15 PC can be used with any type of waterborne binders. Similar characteristics can also be obtained with solvent-based paints but compatibility is to be verified at the time of use with the help of specific wetting agents.

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

Applications

Due to its granulometric features DECOSPHAERA[®] TRANSPARENT 15 PC is particularly indicated in the field of Wood, Flooring and Soft coatings.

It is recommended to use it in blends with traditional matting agents, such as silica or micronized waxes in order to enhance the characteristics of traditional technologies.

Storage and handling

DECOSPHAERA[®] TRANSPARENT 15 PC 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 and 30°C.

Packaging

DECOSPHAERA[®] TRANSPARENT 15 PC is available in 5 kg or 20 kg boxes.

Material safety

Please consult the safety data sheet of the product before use.

Regulatory information

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