

HERFOB CM-450

Hydrophobic and oleophobic barrier forming agent suitable for contact with food

Specifications	TYPICAL VALUE
Color	White
Solids content (%)	45 x 1
pH	7 – 10
Viscosity (20°C, COPA FORD No4) (s)	25 - 30
Mechanical stability	Stable

HERFOB CM-450 applied on the surface of paper and cardboard has hydrophobic properties and provides a barrier against oil, grease and water vapour; making it ideal for packaging that is aimed at the food sector.

The hydrophobic effect can be varied depending on the amount of product applied, until fully water-repellent paper surfaces can be achieved.

HERFOB CM-450 is especially suitable for use in paper coating and cardboard boxes for food transport, as well as any type of application in containers that may be in contact with food, so it conforms to FDA regulations, Food Codex for products in contact with food.

Application

HERFOB CM-450 is intended for use only in surface application but can also be combined with other anionic additives.

The product is usually applied by normally used transfer rollers.

Dosage

The dosage will depend on the required effect and the base of the paper or cardboard used.

Amounts of several grams of dry substance deposited per m² are required to reach a water vapor barrier and acceptable degree of oleo phobia.

If in any case low dosing is required, it is recommended to maintain the speed of the machine and always dilute the product with decalcified water.

Form of delivery

HERFOB CM-450 is delivered in 1000 kg containers

Applicable regulations

- FDA 21CFR: 172,886 (apt. B), 176,170, 176,180, 176,200, 176,210
- Regulations 1935/2004 and 2023/2006. RD 510/96
- European Directive 2002/72/ECC and its amendments
- European Pharmacopoeia 2002, Monograph 1034 "Macrocrystalline Paraffins"

What is outlined in this form is the result of our experience and we offer it for information but without implying any commitment on our part.

The results in each particular application should be tested by the direct managers.