

A protective coating for returnable glass containers

Kercoat, strong ally for your circular business model

Kercoat® 500 is applied at the exit of the bottle washing installation in order to directly protect the bottles during the filling process.



APPLICATION CONDITIONS

Kercoat® 500 can be applied on dry and wet bottles in a wide temperature range, typically 10°C to 50°C.

Kercoat® 500 is applied most efficiently using Arkema's dedicated Kercoat® PWC¹ Spray coating system, application is done directly at the exit of the washing installation.

Every container leaving will be coated sufficiently to ensure full protection.

The system is made to adapt to your bottles and line specifications.

Kercoat® 500 can be applied on new containers still having their protective coatings and on already aged containers.

Kercoat® 500 is designed to be applicable with data printing and user friendly with common casein label adhesives for paper labels and all know types of self-adhesives.

BENEFITS AND PROPERTIES

By coating with Kercoat® 500, the following benefits are achieved:

- Doubling the lifetime of the returnable containers
- Bringing slipperiness to the container surfaces
Significantly reduce scuffing rate
- Providing a smoother travel through the filling line
- Decelerate the decrease of burst pressure strength for returnable glass bottles
- Reducing noise level on the line
- Improving the carbon footprint of returnable bottles by increasing the number of cycles for each bottle

Kercoat® 500 is a weakly acidic stable ionic dispersion of partly oxidized polyethylene wax.

Product & User data	
Active ingredient	Partly oxidized PE wax
Specific weight	1.0 g/cm ³ (20° C)
Form	Dispersion
Colour	Yellow to Orange
pH	Slightly acidic

CONSUMPTION

Consumption depends mainly on the amount and dimensions of bottles to be coated with Kercoat® 500.

For more information, please contact us.

STORAGE

Kercoat® 500 must be stored in closed containers at room temperature (approx. 20°C).

Coating agents based on polyethylene are generally susceptible to frost. Kercoat® 500 should therefore be protected against frost during transport and storage.

If stored at proper warehouse conditions and in closed containers, the shelf life is 2 years after the production date.

PRODUCT SAFETY

On the basis of a risk assessment done by a third party, Kercoat® 500 is not expected to result in adverse health effects for consumers according to the foreseeable conditions of use. Please refer to our health and safety datasheet and/or our regulatory statement for information on health and safety matters.

The information and advice contained in this data sheet is to the best of our knowledge and is provided without obligation.

We are not liable for any wrong advice or any advice we may have failed to give, unless otherwise agreed by the parties.

This data sheet becomes invalid as soon as a new edition has been published.

PACKAGING

Packaging	Height mm	Depth mm	Width mm	Weight gross kg	Weight net kg
60 l non-returnable PE-Drums	645	395	335	63	60
600 l non returnable container	1000	1,200	800	646	600

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