

Technical Information

ACCUREL® AF 450

ACCUREL® AF 450 is a mixture of glycerolesters and clear styrene-butadiene copolymer.

Physical Properties

Melt temperature	> 150 °C
Bulk density	450 – 650 kg/m ³
Colour	Off-white
Delivery form	Pellets
Additive Content	50 (± 2) wt%

Application

ACCUREL® AF 450 is a cold/hot antifog masterbatch for films and sheets based on styrene-butadiene copolymer.

Dosage

ACCUREL® AF 450 can be incorporated using gravimetric or volumetric dosing equipment or by pre-blending it with the base resin.

A dosage between 3.0 % and 5.0 % is recommended.

Food Contact Status

EU: EC 10/2011

ACCUREL® AF 450 complies with EU regulation EC 10/2011. Specific migration limits apply.

USA: FDA 21 CFR

ACCUREL® AF 450 can be used as an additive in polystyrene and rubber-modified polystyrene in contact with food according to 21 CFR (FDA) Sec. 177.1640 (polystyrene and rubber-modified polystyrene).

China: GB 9685-2016

ACCUREL® AF 450 is listed with respect to its active standard composition in GB9685-2016 for use in Adhesive, Coating, Ink, Plastic (PP, PE, PS, BDR, EVA) and Rubber with food contact. Specific migration limits apply.

Registration Status

ACCUREL® AF 450 complies with REACH Regulation (EC) No 1907/2006.

The ingredients of ACCUREL® AF 450 are listed/comply with the following chemical inventories:

EINECS

Storage Stability

Minimum 12 months after date of production under normal good storing conditions. Slight blocking might occur at elevated storing temperatures.

Packaging

30 kg net in a cardboard box with PE inliner
720 kg net (24 x 30 kg)

Product Safety

For transport, handling and first aid instructions we refer to the material safety data sheet for ACCUREL® AF 450.

This information and any recommendations, technical or otherwise, are presented in good faith and believed to be correct as of the date prepared. Recipients of this information and recommendations must make their own determination as to its suitability for their purposes. In no event shall Evonik assume liability for damages or losses of any kind or nature that result from the use of or reliance upon this information and recommendations. EVONIK EXPRESSLY DISCLAIMS ANY REPRESENTATIONS AND WARRANTIES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, AS TO THE ACCURACY, COMPLETENESS, NON-INFRINGEMENT, MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE (EVEN IF EVONIK IS AWARE OF SUCH PURPOSE) WITH RESPECT TO ANY INFORMATION AND RECOMMENDATIONS PROVIDED. Reference to any trade names used by other companies is neither a recommendation nor an endorsement of the corresponding product, and does not imply that similar products could not be used. Evonik reserves the right to make any changes to the information and/or recommendations at any time, without prior or subsequent notice.

Evonik Nutrition & Care GmbH
Goldschmidtstraße 100
45127 Essen, Germany
Phone Europe +49 201 173 2665
Phone Asia +86 21 61191 125
Phone Americas +1 804 727 0700
interface-performance@evonik.com
www.evonik.com/interface-performance