



RHOPLEX™ B-85 Emulsion

Regional Product Availability

- North America

Description

RHOPLEX™ B-85 Emulsion is a very firm anionic acrylic binder used as an additive to anionic binders to stiffen hand. Unlike other RHOPLEX™ dispersions, RHOPLEX™ B-85 Emulsion does not form continuous films under normal conditions of application. When blended with softer polymers it helps produce films with improved toughness and improved resistance to blocking.

Key Features

- APEO- Free¹
- Low formaldehyde²
- Firm hand
- Used as an additive to softer polymers to improve toughness and blocking resistance.

¹APEO (Alkyl Phenol Ethoxylates) is not intentionally added. Therefore, to the best of Dow's present knowledge, APEO's are not present in the final product composition, unless at trace levels ($\leq$ ppm), as an unknown impurity from the raw materials.

²No formaldehyde or formaldehyde generating materials are intentionally added. Formaldehyde is not used in the manufacture, would not be expected to form during manufacture, and would not be expected to be present in the final composition unless at trace levels ($\leq$ ppm) as an unknown impurity from the raw materials.

Typical Physical Properties

(These properties are typical but do not constitute specifications.)

Property	Value
Ionic Nature:	Anionic
Solids %:	38
pH as packed:	9.8
Brookfield Viscosity, cP:	<100
Glass Transition Temperature (T _g °C):	+109
Density, 25°C lbs./US gallon:	8.7

Food Legislation

FDA Regulation	Complies	Limitations
21CFR175.105 (Adhesives)	Yes	
21CFR176.170 (Components of paper and paperboard in contact with aqueous and fatty foods)	Yes, this product is cleared with limitations noted.	Provided that the food contact surface of the paper and paperboard complies with the extractives limitations in 21CFR176.170 Paragraph (C).
21CFR176.180 (Components of paper and paperboard in contact with dry food)	Yes	

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- c. use as a critical component in medical devices that support or sustain human life; or
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