



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
- d. use specifically by pregnant women or in applications designed specifically to promote or interfere with human reproduction.

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Additional Information

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|------------------|--------------------|----------------|
| North America | Europe/Middle East | +800-3694-6367 |
| U.S. & Canada: | | +31-11567-2626 |
| 1-800-441-4369 | Italy: | +800-783-825 |
| 1-989-832-1426 | | |
| Mexico: | | |
| +1-800-441-4369 | | |
| Latin America | South Africa | +800-99-5078 |
| Argentina: | | |
| +54-11-4319-0100 | | |
| Brazil: | | |
| +55-11-5188-9000 | | |
| Colombia: | Asia Pacific | +800-7776-7776 |
| +57-1-219-6000 | | +603-7965-5392 |
| Mexico: | | |
| +52-55-5201-4700 | | |

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