



EPITEX™ 66 Polymer
Product Information

Chemical
Description

INCI name: Acrylates Copolymer
Aqueous Polyacrylate Emulsion

Benefits

- Offers excellent water resistance properties
- Low level of film tackiness enhances formulation aesthetics
- Compatible with a broad range of personal care ingredients
- Effective at low use levels
- Allows for easier plant handling and processing (cold-processable)

Applications

- O/W Sunscreens
- W/O Sunscreens
- W/S Sunscreens
- Sprayable Pump Sunscreens

Typical Physical Properties

% Solids	43 to 46%
Recommended use level	0.5 to 2.0% polymer solids
pH	4.5 to 6.5
Appearance, as is	Milk white fluid, free of coagulated gum and visible impurities
Viscosity, as is (Brookfield LV, spindle #2, 60 rpm, 25°C)	500 cPs maximum
Residual monomers	<100 ppm total

Compatibility

- Compatible with ingredients typically used in sunscreen formulations
- Can be easily incorporated into a variety of O/W, W/O and W/S systems

Storage

The recommended storage temperature for this material is between 5°C – 35°C. The product should be kept from freezing. If exposed to temperatures below 5°C and above 35°C for extended periods, the material may coagulate and become unusable.

Handling
Precautions

Before using this product, consult the Material Safety Data Sheet (MSDS)/Safety Data Sheet (SDS) for details on product hazards, recommended handling precautions and product storage.

Disposal

Dispose in accordance with all local, state (provincial) and federal regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner.

It is the user's responsibility to verify that treatment and disposal procedures comply with local, state (provincial) and federal regulations. Contact your Dow Coating Materials Technical Representative for more information.

Product Stewardship

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Customer Notice

Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

For More Information:

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