



# Resin Blend Emulsions

## Overview

Andisil® EMQ Resin Blend Emulsions offer a convenient delivery system for water-based formulations while maintaining the benefits of the Andisil MQ Resin Blends. These benefits include longer wear, wash-off resistance and film-forming benefits in skin and hair care formulations.

## Products\*

| Name                | INCI Name   | Viscosity | Resin Content, % |
|---------------------|---|-----------|------------------|
| Andisil® EMQ 50CG   | Cyclopentasiloxane (and) Trimethylsiloxysilicate (and) Laureth-23 (and) Laureth-4 | 1300 cP   | 60               |
| Andisil® EMQ 2350CG | Dimethicone (and) Trimethylsiloxysilicate (and) Laureth-23 (and) Laureth-4        | 2500 cP   | 60               |
| Andisil® EMQ 3250CG | Phenyltrimethicone (and) Trimethylsiloxysilicate (and) Laureth-23 (and) Laureth-4 | 2500 cP   | 60               |

\* These properties are not intended to be used as specifications but only as suggested characteristics  
Percent resin content or carrier fluid can be customized to meet your specific formulation requirements.

## HAIR CARE

| Applications   | Benefits   |
|--|--|
| <ul style="list-style-type: none"> <li>Styling Treatments</li> </ul> | <ul style="list-style-type: none"> <li>Anti-frizz</li> <li>Improves texture</li> <li>Shine enhancer</li> <li>Soft/supple feel</li> </ul> |

## Application Recommendations

| Name                |   |
|---------------------|---|
| Andisil® EMQ 50CG   | Recommended for styling applications to provide long lasting benefits   |
| Andisil® EMQ 2350CG | Cyclic free material; recommended for long lasting hold and soft texture  |
| Andisil® EMQ 3250CG | A high refractive index provides long lasting shine in styling applications; offers superior anti-frizz performance |

## SKIN CARE

| Applications   | Benefits  |
|--|---|
| <ul style="list-style-type: none"> <li>Creams</li> <li>Color Cosmetics</li> <li>Lotions</li> <li>Sun Care</li> </ul> | <ul style="list-style-type: none"> <li>Abrasion Resistance</li> <li>Film Forming Properties</li> <li>Long Wear</li> <li>Lubrication</li> <li>Organic Compatibility</li> <li>Skin Protectant</li> <li>Suitable for Clear Formulations</li> <li>Transfer Resistance</li> <li>Wash Off Resistance</li> <li>Water Repellency</li> </ul> |

## Application Recommendations

| Name                |  |
|---------------------|--|
| Andisil® EMQ 50CG   | Provides long lasting wash off resistance in color cosmetics. Also recommended for a smooth, non-greasy feel   |
| Andisil® EMQ 2350CG | Provides comfortable long wear with a volatile, non-cyclic carrier fluid; leaves a silky finish on the skin. Highly recommended for color cosmetics with the best abrasion and transfer resistance |
| Andisil® EMQ 3250CG | Long lasting shine with film forming benefits; improves organic compatibility. Recommended for color cosmetics due to good abrasion and transfer resistance  |



# Resin Blends

## Storage & Shelf Life

The shelf life, when the container is stored unopened and under proper conditions at room temperature, is expected to be a minimum of twelve months. It is recommended to ground the container when pouring or weighing a quantity into another container or vessel to eliminate the chance of a static discharge.

## Packaging

Andisil® Resin Blends for personal care packaging options are available upon request.

## Selection Guide

|                     | SKIN CARE |                 |         |          | BENEFITS | Abrasion Resistance | Cyclic Alternative | Film Forming Properties | Long Wear | Lubrication | Organic Compatibility | Skin Protectant | Suitable For Clear Formulations | Transfer Resistance | Wash Off Resistance | Water Repellency | HAIR CARE | Styling Treatment | BENEFITS | Anti Frizz | Cyclic Alternative | Improves Textures | Shine Enhancer | Soft / Supple Feel |
|---------------------|-----------|-----------------|---------|----------|----------|---------------------|--------------------|-------------------------|-----------|-------------|-----------------------|-----------------|---------------------------------|---------------------|---------------------|------------------|-----------|-------------------|----------|------------|--------------------|-------------------|----------------|--------------------|
|                     | Creams    | Color Cosmetics | Lotions | Sun Care |          |                     |                    |                         |           |             |                       |                 |                                 |                     |                     |                  |           |                   |          |            |                    |                   |                |                    |
| Andisil® EMQ 50CG   | ■         | ■               | ■       | ◆        |          |                     | ◆                  | ■                       |           |             |                       | ■               | ■                               |                     | ◆                   | ■                |           | ◆                 |          | ■          |                    |                   |                |                    |
| Andisil® EMQ 2350CG | ■         | ◆               |         | ◆        | ◆        | ◆                   | ◆                  | ◆                       | ■         |             |                       | ■               | ■                               | ◆                   | ◆                   | ◆                |           | ◆                 |          | ■          | ◆                  | ■                 |                | ◆                  |
| Andisil® EMQ 3250CG | ■         | ◆               |         | ◆        | ■        |                     | ◆                  | ◆                       | ■         | ◆           |                       | ■               | ■                               | ◆                   | ■                   | ◆                |           | ◆                 |          | ■          |                    | ◆                 | ■              | ■                  |

For additional information on the product, please contact your Sales Representative.

We believe that the information shown in this Product Bulletin to be an accurate description of the typical characteristics and/or uses of the product. Any suggestions of uses are not to be taken as an inducement to infringe any particular domestic or foreign patent. We recommend that the product be thoroughly tested for a specific application to determine the performance, efficacy and its safe handling and use.

*Beauty.*  
In the hands of the  
formulator

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