# **Resin Blend Emulsions**

### Overview

Andisil<sup>®</sup> 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 <sup>®</sup> EMQ 50CG	Cyclopentasiloxane (and) Trimethylsiloxysilicate (and) Laureth-23 (and) Laureth-4	1300 cP	60
Andisil <sup>®</sup> EMQ 2350CG	Dimethicone (and) Trimethylsiloxysilicate (and) Laureth-23 (and) Laureth-4	2500 cP	60
Andisil <sup>®</sup> EMQ 3250CG	Phenyltrimethicone (and) Trimethylsiloxysilcate (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
Styling Treatments	<ul> <li>Anti-frizz</li> <li>Improves texture</li> <li>Shine enhancer</li> <li>Soft/supple feel</li> </ul>

### **Application Recommendations**

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

SKIN CARE			
Applications	Benefits		
<ul> <li>Creams</li> <li>Color Cosmetics</li> <li>Lotions</li> <li>Sun Care</li> </ul>	<ul> <li>Abrasion Resistance</li> <li>Film Forming Properties</li> <li>Long Wear</li> <li>Lubrication</li> </ul>	<ul> <li>Organic Compatibility</li> <li>Skin Protectant</li> <li>Suitable for Clear Formulations</li> </ul>	<ul><li>Transfer Resistance</li><li>Wash Off Resistance</li><li>Water Repellency</li></ul>

## **Application Recommendations**

Name	
Andisil <sup>®</sup> EMQ 50CG	Provides long lasting wash off resistance in color cosmetics. Also recommended for a smooth, non-greasy feel
Andisil <sup>®</sup> 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 <sup>®</sup> 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**

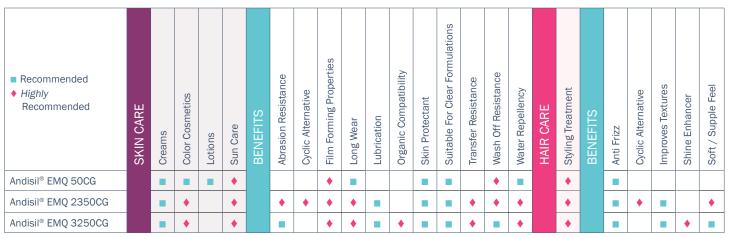
### Storage & Shelf Life

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**



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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