



## Gum Blends

### Overview

Andisil® Gum Blends for personal care combine volatile siloxanes with high molecular weight gums providing excellent water resistance. In skin care, they provide long wear of actives on skin, wash off resistance, film forming and a unique skin feel. For hair care, these materials add anti-frizz properties and conditioning to prevent split ends. They are recommended for anhydrous formulations.

### Product Specifications\*

Name	INCI Name	Viscosity	Gum Content %
Andisil® SF 1405	Cyclotetrasiloxane (and) Dimethiconol	6,000 cP	15
Andisil® SF 1505	Cyclopentasiloxane (and) Dimethiconol	6,000 cP	15
Andisil® SF 1605	Cyclohexasiloxane (and) Dimethiconol	10,000 cP	15
Andisil® SF 2205	Dimethicone (and) Dimethiconol	3,000 cP	15
Andisil® SF 2305	Dimethicone (and) Dimethiconol	3,000 cP	15
Andisil® SF 2505	Dimethicone (and) Dimethiconol	3,000 cP	15
Andisil® SF 3005	Dimethicone (and) C12-15 Alkyl Benzoate (and) Dimethiconol	3,000 cP	15

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

### SKIN CARE

Applications	Benefits
<ul style="list-style-type: none"><li>• Cleansers</li><li>• Creams</li><li>• Color Cosmetics</li><li>• Lotions</li><li>• Serums</li><li>• Sun Care</li></ul>	<ul style="list-style-type: none"><li>• Cushion</li><li>• Film Forming</li><li>• Lubrication</li><li>• Organic Compatibility</li><li>• Skin Protectant</li><li>• Spreadability</li></ul> <ul style="list-style-type: none"><li>• Suitable for Clear Formulations</li><li>• Wash off Resistance</li><li>• Water Repellency</li></ul>

### Application Recommendations

Name	
Andisil® SF 1505	Recommended for emolliency in lotions and serums where cyclics are applicable. Added water resistance in sun care products
Andisil® SF 1605	Provides velvety feel in lotions and creams where cyclics are applicable
Andisil® SF 2205	Recommended for smooth application and film forming properties in creams, lotions and serums
Andisil® SF 2305	Recommended to improve texture and water resistance in sun care applications where cyclic siloxanes are not used
Andisil® SF 2505	Recommended for creams where heavier texture is needed; longer lasting film forming benefits
Andisil® SF 3005	Recommended for longer play time applications; provides cascading volatility and strong film forming properties

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formulator



## Gum Blends

(continued)

HAIR CARE		
Applications	Benefits	
<ul style="list-style-type: none"> <li>Conditioner (leave in)</li> <li>Styling Treatments</li> </ul>	<ul style="list-style-type: none"> <li>Anti-Frizz</li> <li>Conditioning</li> <li>Ease of Formulation</li> <li>For Dry / Damaged Hair</li> <li>Improves Dry Combing</li> </ul>	<ul style="list-style-type: none"> <li>Improves Wet Combing</li> <li>Improves Texture</li> <li>Low Residue/Light Build Up</li> <li>Soft/Supple Feel</li> </ul>

### Application Recommendations

Name	
Andisil® SF 1505	Cyclic carrier used in applications where a “light” feel is desired; improves spreadability & wet combing capabilities
Andisil® SF 1605	Cyclic carrier for applications where D4 and D5 are not desired
Andisil® SF 2205	Linear carrier; recommended for leave in treatments; most volatile of the linear carrier gum blends
Andisil® SF 2305	Linear carrier; recommended for moisturizing treatments
Andisil® SF 2505	Linear carrier; recommended for rinse off applications; least volatile of the linear carrier gum blends
Andisil® SF 3005	Recommended for products needing longer play times and improved organic compatibility

### 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® Gum Blends for personal care packaging options are available upon request.

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.

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