



# Dimethicones

## Overview

Andisil® Dimethicones for personal care are non-reactive polydimethyl siloxanes. Linear Siloxanes in hair care provide water resistance and improved spreading of actives without weighing the hair down, even at high molecular weights due to the low surface tension of silicones

## Product Specifications\*

Name	INCI Name	Viscosity	RI	Volatiles
Andisil® SF 5	Dimethicone	5 cSt	1.3970	–
Andisil® SF 10	Dimethicone	10 cSt	1.3990	1.0%
Andisil® SF 20	Dimethicone	20 cSt	1.4010	4.5%
Andisil® SF 50	Dimethicone	50 cSt	1.4020	0.5%
Andisil® SF 100	Dimethicone	100 cSt	1.4030	0.5%
Andisil® SF 200	Dimethicone	200 cSt	1.4030	0.5%
Andisil® SF 350	Dimethicone	350 cSt	1.4035	0.5%
Andisil® SF 500	Dimethicone	500 cSt	1.4035	0.5%
Andisil® SF 1,000	Dimethicone	1,000 cSt	1.4035	0.5%
Andisil® SF 5,000	Dimethicone	5,000 cSt	1.4035	1.5%
Andisil® SF 10,000	Dimethicone	10,000 cSt	1.4035	2.0%
Andisil® SF 12,500	Dimethicone	12,500 cSt	1.4035	2.0%
Andisil® SF 30,000	Dimethicone	30,000 cSt	1.4035	0.5%
Andisil® SF 60,000	Dimethicone	60,000 cSt	1.4040	0.5%
Andisil® SF 100,000	Dimethicone	100,000 cSt	1.4040	2.0%
Andisil® SF 600,000	Dimethicone	600,000 cP	1.4040	0.75%

\* These properties are not intended to be used as specifications but only as suggested characteristics

Also offered in **EU compliant** grades (< 0.1% D4-D6). Please inquire for more information.

### HAIR CARE

#### Applications

- Shampoo
- Conditioner (leave in)
- Condition (rinse off)
- Styling Treatment

#### Benefits

- Active Carrier
- Anti Frizz
- Conditioning
- For Dry / Damaged Hair
- Improves Dry Combing
- Improves Wet Combing
- Improves Texture
- Light Residue / Low Build Up
- Soft / Supple Feel

# Beauty.

In the hands of the formulator



# Dimethicones

(continued)

## Application Recommendations

Name	
Andisil® SF - Low Visc. (5 - 200 cSt)	Recommended for hair care applications where a light silky feel is desired
Andisil® SF - Mid Visc. (350 - 5,000 cSt)	Recommended to add silky smoothness to hair care formulations
Andisil® SF - High Visc. (10,000 - 600,000 cSt)	Recommended for formulations where a higher viscosity final product is desired

SKIN CARE		
Applications	Benefits	
<ul style="list-style-type: none"> <li>• Antiperspirant / Deodorant</li> <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 properties</li> <li>• Lubrication</li> <li>• Moisturizing</li> <li>• Skin protectant</li> <li>• Spreadability</li> <li>• Suitable for clear formulations</li> </ul>	<ul style="list-style-type: none"> <li>• Tack reduction</li> <li>• Wash off resistance</li> <li>• Water repellancy</li> </ul>

## Application Recommendations

Name	
Andisil® SF - Low Visc. (5 - 200 cSt)	Recommended for light soft feel in day creams and sun care products
Andisil® SF - Mid Visc. (350 - 5,000 cSt)	Recommended to add silky smoothness to formulations
Andisil® SF - High Visc. (10,000 - 600,000 cSt)	Recommended for heavier textures or when thicker film properties are desired

## 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.

## Packaging

Andisil® Dimethicones 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.

*Beauty.*  
In the hands of the  
formulator

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