



# Specialty Fluids

## Overview

Andisil® Specialty Fluids for personal care are a collection of hydride and fluoro substituted silicones particularly useful for pigment treatments for imparting hydrophobicity and lipophobicity (fluoro).

## Product Specifications\*

Product	INCI Name	Viscosity, cSt	Hydride (mmole/gm)	Refractive Index	Fluoro Content
Andisil® FS 105	Trifluoropropyl Dimethicone	100	--	1.4000	5
Andisil® FSXL 4505	Hydrogen Trifluoropropyl Dimethicone	450	0.48	1.4010	5
Andisil® XL 11	Hydrogen Dimethicone	35	4.45	1.4020	--
Andisil® MH 30	Methicone	30	15.6	1.3960	--

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

Applications	Benefits
<ul style="list-style-type: none"><li>• Color Cosmetics</li><li>• Sun Care</li></ul>	<ul style="list-style-type: none"><li>• Oil repellency</li><li>• Suitable For Pigment Coatings</li></ul>

## Application Recommendations

Name	
Andisil® FS 105	Recommended for oil repellency in color cosmetics; lowers surface tension in creams and lotions; low refractive index
Andisil® FSXL 4505	Recommended for use as a surface treatment modifier for oil repellency in pigment coatings; low refractive index
Andisil® XL 11	Recommended for use as a surface treatment modifier in pigment coatings; reduces the hydrogen diffusion in formulation
Andisil® MH30	Recommended for use as a surface treatment modifier in pigment coatings

## 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 Specialty Fluids 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

**HEADQUARTERS**  
AB Specialty Silicones  
3790 Sunset Avenue  
Waukegan, IL 60087

PHONE 908.376.1360  
TOLL FREE 800.678.3024  
FAX 224.232.1999

EMAIL [info@andisil-personal-care.com](mailto:info@andisil-personal-care.com)  
WEB [www.andisil-personal-care.com](http://www.andisil-personal-care.com)