



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"> Color Cosmetics Sun Care | <ul style="list-style-type: none"> Oil repellency Suitable For Pigment Coatings |

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
 3725 Hawthorn Court
 Waukegan, IL 60087

PHONE 908.376.1360
 TOLL FREE 800.678.3024
 FAX 224.232.1999

EMAIL info@andisil-personal-care.com
 WEB www.andisil-personal-care.com