

Data Sheet

CareSil® CFF-3401 @ 350 cP is a pure 60 Mol% fluoro-silicone fluid. This ingredient is an ideal component that can be used in a variety of skin care and color cosmetic formulations due to its non-irritating and non-sensitive properties.

Applications

- Moisturization
- Anti-Aging/Anti-Wrinkle
- Sunscreen, After-Sun, and Self-Tanners
- Skin Repair Serums
- Skin Tone Repair
- Men's Grooming
- Color Cosmetics

Features

- CFF-3401 @ 350 cP offers transfer and wash-off resistance in color cosmetics
- Enhanced hydrophobic and oleophobic properties
- Acts as an ingredient to deliver moisturizing properties
- Unique fluoro chemistry designed for skin care and color cosmetic applications

Benefits

- Enhanced substantivity to the skin
- Enhanced spreadability in comparison to standard Dimethicone
- Reduces tackiness in formulations
- Low refractive index
- Enhanced pigment wetting in color cosmetics

| PROPERTIES | AVERAGE RESULT | STANDARD | NT-TM |
|------------------------|--------------------------|------------------------------|----------|
| Viscosity | 350 cP | ASTMD1084, D2196, D445, D446 | 001, 025 |
| Appearance | Clear, Colorless, Liquid | ASTMD2090 | 002 |
| Refractive Index | 1.38 | ASTMD1747, D1218 | 018 |
| Specific Gravity | 1.21 | ASTMD1298 | 097 |
| *Irritation Testing | Pass | - | 351 |
| *Sensitization Testing | Pass | - | 350 |

* Properties NOT tested on a lot-to-lot basis

Instructions for Use

Please contact NuSil Technology for formulation guidelines, as well as sample quantities.

NuSil Technology

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Packaging

- 0.200kg Sample
- 18.2kg Pail
- 180kg Drum

Use By

36 Months from Date
of Manufacture

Specifications

Do not use the properties shown in this technical profile as a basis for preparing specifications. Please contact NuSil Technology for assistance and recommendations in establishing particular specifications.

Warranty Information

NuSil recommends using the material within 36 months of manufacture when stored below 40°C in original unopened containers. Unless NuSil Technology provides a specific written warranty of fitness for a particular use, NuSil Technology's sole warranty is that the product will meet NuSil Technology's then current specification. NuSil Technology specifically disclaims all other expressed or implied warranties, including, but not limited to, warranties of merchantability and fitness for use. The exclusive remedy and NuSil Technology's sole liability for breach of warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. NuSil Technology expressly disclaims any liability for incidental or consequential damages. NuSil Technology makes no claim or warrant that this product is intended to affect the structure or any function of the human body.

Warnings About Product Safety

NuSil Technology has tested this material to assess its compliance with the current specification requirements. NuSil recommends each purchaser ensure the material complies with all applicable laws, as well as complies with their applications specific safety protocol. NuSil Technology suggests users further test CareSil™ materials to facilitate the safety and suitability of the material within their specific application requirements.

When considering the use of NuSil Technology products in a particular application review the latest Material Safety Data Sheet and contact NuSil Technology with any questions about product safety information.

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