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TECHNICAL DATA SHEET

**Fluorosil<sup>®</sup> OH ACR C7-F**  
Reactive Fluoroalkyl Silicone

**DESCRIPTION**

**Fluorosil<sup>®</sup> OH ACR C7-F** is a liquid acrylate and hydroxyl functional fluoroalkyl silicone based on non-PFOS fluoroalkyl chains. The fluoroalkyl pendant gives excellent softness and slip, while the carbinol and acrylate groups offer reactivity for substantivity and improved performance.

**TYPICAL PROPERTIES**

Appearance	Clear Liquid
Viscosity, cPs	200
Active Content, %	100
Water solubility	Insoluble

**USES AND APPLICATION**

The unique properties of **Fluorosil OH ACR C7-F** result in benefits such as solvent, stain, mar and fingerprint resistance; flexibility; lubricity; softness and slip. The primary hydroxyl group provides reactivity with moieties such as isocyanate, epoxy and esters while the acrylate ester group provides reactivity with UV cured acrylate and other free radical cured systems. The **Fluorosil OH ACR C7-F** polymer migrates to surfaces, and reacts into the matrix giving improved properties and substantivity.

Recommended usage level is between 0.2 – 5.0 wt% of the formulation. Slip, softness, lubricity and mar resistance require only the lower end of the use level range while stain and fingerprint resistance and flexibility benefit from higher use levels.

**SAFETY**

Before handling, read the Material Safety Data Sheet and container label for safe use, physical and health hazard information.

THIS MATERIAL IS NOT FOR MEDICAL OR DRUG USE.

**STORAGE AND SHELF LIFE**

Store at as low a temperature as possible. When stored in the original, unopened containers between 10 and 40°C, **Fluorosil OH ACR C7-F** has a shelf life of 12 months from date of manufacture. We are currently evaluating this shelf life with aging studies.

**PACKAGING**

**Fluorosil OH ACR C7-F** is available in 20kg and 200kg containers.

**LEGAL DISCLAIMER**

Siltech Corporation believes that the information in this technical data sheet is an accurate description of the typical uses of the product. Siltech Corporation, however, disclaims any liability for incidental or consequential damages, which may result from the use of the product that are beyond its control. Therefore, it is the user's responsibility to thoroughly test the product in their particular application to determine its performance, efficacy and safety. Nothing contained herein is to be considered as permission or a recommendation to infringe any patent or any other intellectual property right.

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