

**RESIFLOW® LF
FLOW CONTROL AGENT
FOR THE COATINGS INDUSTRY**

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THE EDGE OF INNOVATION

GENERAL DESCRIPTION

Resiflow® LF is an acrylic polymer used in high solids, UV curing, coil, and other coating systems to eliminate pinholes, craters, air entrapment, to improve flow and leveling (orange peel), and to improve the flexibility of coatings. It can be used in acrylics, alkyds, phenolics, epoxies, polyesters, polyurethanes, nitrocellulose lacquers, and other systems.

The recommended level of usage is between 0.2-1.5% calculated on the coating binder. The method of incorporating Resiflow® LF into coating formulations does not affect the performance of the coating as long as it is uniformly dispersed in the system. This can be easily achieved by thoroughly mixing Resiflow® LF with the other paint ingredients. The product has excellent compatibility with all coating resins. Resiflow® LF is available in powder form as PF-67 for powder coating applications.

TYPICAL PROPERTIES*

Appearance	Clear Liquid
Gardner Color	2 maximum
Specific Gravity (25/25)	1.01 – 1.03
Gardner Viscosity, 80% SOLIDS IN XYLENE	T - W
Solubility, 50% SOLIDS IN XYLENE	Complete
Non-Volatile, weight %	98.5% minimum
Acid value (mg KOH/gram)	1 maximum

* Not to be used for specification purposes

REGULATORY LISTINGS

The components in this material are either listed or exempt from listing due to polymer exemption criteria for the following chemical listing inventories: AICS (Australia), DSL (Canada), ECL (Korea), ECN (Taiwan), EINECS (Europe), ENCS (Japan), IECSC (China), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA).

Resiflow® LF is compliant with 21 CFR 175.300. The finished coating must meet the extractive requirements of 21 CFR 175.300. This aspect of compliance is the responsibility of the manufacturer or user of the finished coating.

PACKAGING (NET WEIGHT)

44 lb. / 20.0 kg in steel pail

440 lb. / 199.6 kg in steel drum

PRODUCT AVAILABILITY

This product is commercially available.

STORAGE AND HANDLING

Store in a dry, cool area and avoid excessive heat. Shelf life of unopened containers is 1 year from date of shipment. See SDS for additional information.

CONTACT INFORMATION

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TDS Revised by: C. Miller

TDS Approved by: R. Auerbach