

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

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THE EDGE OF INNOVATION

GENERAL DESCRIPTION

Resiflow® LV is a low viscosity acrylic polymer used in high solids, UV curing, coil, and other coating systems for improving flow and leveling (orange peel). Resiflow® LV can also facilitate air release and minimize surface imperfections such as pinholes and craters. It has excellent compatibility with all coating systems including acrylic, alkyd, phenolic, epoxy, polyester, polyurethane, nitrocellulose lacquer, and other systems.

The recommended level of usage is between 0.2-1.5% calculated on the coating binder. The method of incorporating Resiflow® LV 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® LV with the other paint ingredients.

Resiflow® LV is also available in two forms suitable for powder coating applications, a powder form called Resiflow® PL-200 and a solid masterbatch called Resiflow® LV MBP-16.

TYPICAL PROPERTIES*

Appearance	Clear Liquid
Gardner Color	2 maximum
Specific Gravity (25/25)	1.01 – 1.03
Gardner Viscosity, 80% SOLIDS IN XYLENE	L - O
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® LV 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 one year from date of shipment. Refer to the SDS for additional information.

CONTACT INFORMATION

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TDS Revised by: A. Chizhikova

TDS Approved by: F. Allen

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