

RESIFLOW® PL-200A FLOW CONTROL AGENT FOR POWDER COATINGS

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THE EDGE OF INNOVATION

GENERAL DESCRIPTION

Resiflow® PL-200A is a classical type of powder flow control agent. This product is widely used and known for its suitability and reliable performance across the spectrum of typical binder chemistries including Polyester-TGIC, Polyester-HAA, Hybrids and Epoxies.

Surface defects such as orange peel, craters, pinholes, and other imperfections can be reduced or eliminated by incorporating 0.7-1.5% of Resiflow® PL-200A into pigmented powder coating formulations. It is not recommended for use in clears. For best results, Resiflow® PL-200A should be dry-blended with other coating raw materials, then homogenized in a heated extruder. The active ingredient is released and homogenized with the other components during extrusion, which results in a uniform system.

Resiflow® PL-200A is based on the liquid acrylic polymer product Resiflow® LV that has been converted into free-flowing powder by adsorption onto silica-type filler. This active ingredient is also available in a three different polyester masterbatches for powder coating formulations that require the flow control agent to be predispersed for optimal uniformity and for applications where silica supported additives may not be suitable.

As with any silica supported flow control agent, Resiflow® PL-200A should be thoroughly evaluated to determine the best processing method and the optimum concentration of the additive, suitability for the application, as well as to test compatibility and recoat adhesion.

TYPICAL PROPERTIES*

Appearance	White Powder
Specific Gravity (25/25)	1.25 – 1.27
Activity, weight %	67 – 69%
Non-Volatile, weight %	98.0% minimum

* 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® PL-200A 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)

55 lb. / 25 kg in fiberboard box with polyolefin liner

250 lb. / 113.4 kg in fiber drum with polyolefin liner

PRODUCT AVAILABILITY

This product is commercially available and may require lead time.

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.

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CONTACT INFORMATION

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