

# RESIFLOW® PV-88 FLOW CONTROL AGENT FOR POWDER COATINGS

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THE EDGE OF INNOVATION

## GENERAL DESCRIPTION

Resiflow® PV-88 is widely known for its reliable performance as a flow control agent for general industrial powder coatings and is well suited for a spectrum of common binder chemistries including polyesters, polyurethanes, hybrids, epoxies, and acrylics.

Resiflow® PV-88 is based on a liquid acrylic polymer that has been converted into free-flowing powder by adsorption onto silica-type filler. For best results, Resiflow® PV-88 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, and results in a uniform system. Surface defects such as orange peel, craters, pinholes, and other imperfections can be reduced or eliminated by incorporating 0.7-1.5% of Resiflow® PV-88 into powder coating formulations.

As with any raw material, laboratory evaluation is required for each formulation to determine the best processing method and the optimum concentration of the additive.

## TYPICAL PROPERTIES\*

|                          |               |
|--------------------------|---------------|
| Appearance               | White Powder  |
| Specific Gravity (25/25) | 1.25 – 1.30   |
| Activity, weight %       | 65% minimum   |
| 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® PV-88 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.

## 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