

Technical Leaflet

Resiflow FL 9

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Silicone Free Surface Additive for Non-Aqueous Systems and Powder Coatings

For use in coil coatings; reactive in most thermosetting resins

Weather proof, hydrolysis- and UV-resistant oligomeric additive to improve flow and leveling.

Technical Data:

| | |
|-------------------------|---------------------------------|
| Appearance | colourless, high viscous liquid |
| Chemical characteristic | oligomeric acrylate |
| Active substance | approx. 98% |

Recommended Uses:

Resiflow FL 9 can be used e.g. in high solids, UV-curing systems, coil coatings and powder coatings. It is particularly effective in clear coatings and reacts with most thermosetting resins forming a cross linked system.

It offers excellent hydrolytic stability and outdoor durability and does not yellow or lose gloss when exposed to UV radiation.

Resiflow FL 9 improves flow and leveling and eliminates orange peel effects, pinholes, craters and other surface defects in a great variety of resin systems.
Typical use level is 0.2 - 1.5% on total formulation.

Incorporation:

For powder coatings the incorporation by using a master batch with approx. 10% Resiflow FL 9 is recommended.

The compatibility of powder coatings containing different flow control agents could be critical. Therefore we recommend corresponding preliminary trials.

To liquid systems Resiflow FL 9 may be added at any stage of the production process or by post-addition.

Optimal use levels for specific formulations should be evaluated by laboratory tests. If assistance is needed, please contact your Worlée representative.

Handling and Storage:

Store in a dry and cool place and keep containers tightly closed. Shelf life in unopened packages is at least 12 months.