



Teraflow® 1000

POLYMERIC FLOW CONTROL ADDITIVE
FOR SOLVENT-BASED AND HIGH-SOLIDS SYSTEMS

TYPICAL CHARACTERISTICS

Appearance	Clear to pale yellow liquid
Weight Per Gallon	8.4 Lbs ± 1.0
Non-Volatile by Wt	<98.0%
Activity, %	100

COMPATIBILITY

Teraflow® 1000 is a high-performance flow and leveling modifier for a wide variety of solvent-based and high-solids coatings systems, including urethanes, alkyds, acrylics, melamine-formaldehyde, nitrocellulose, polyvinyl butyral, urea-formaldehyde, phenolic, polyesters and epoxies. When used properly, Teraflow® 1000 offers outstanding flow and leveling, reducing surface defects such as craters, pinholes, fisheyes and orange peel. It offers bubble release qualities and contributes to pigment dispersion and color development.

APPLICATIONS

Teraflow® 1000, through its well-balanced surface-active capability, provides smoother films, allowing the application of thinner coatings, and contributes to substrate wetting and recoat adhesion. Together with its novel pigment-affinic functionality, the product also allows the formulator to optimize the dispersion of almost all pigments and extenders, including such difficult-to-disperse pigments as phthalo blue, phthalo green and carbon black, in a wide variety of thermoset and thermoplastic resin systems. Teraflow® 1000 is soluble in ketones such as MEK and MIBK, higher molecular weight alcohols such as n-propanol and isopropanol, aromatics such as toluene and xylene, and various acetates such as ethyl and butyl acetate.

FEATURES

Outstanding flow and leveling in thermoset and thermoplastic resin systems.
Excellent color development, reduction of pinholes and craters, and gloss retention.
Compatible with a wide variety of liquid coatings resins.
Relatively easy-to-handle viscosity and good rheology profile in high-solids formulations.

PROUDUCT USES (For professional use only. Not intended for retail sales.)

Teraflow® 1000 should be added to the mill base in the range of 0.1% to 2.0% by total weight of resin solids. The product can also be incorporated in the let-down portion. The formulator should

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determine experimentally the appropriate amount of Teraflow® 1000 to use in each particular system and its effect on the properties and performance of the final formulation.

CONTAINER SIZES

55 gallon drums: 450 pounds.

5 gallon pails: 40 pounds.

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