

+ Chroma-Chem® Synermix® 7

Viscosity Stabilizer and Anti-Gellant for Solvent-Based Coatings

Synermix® 7 is a unique wetting agent which prevents drastic viscosity increases, gelling, or livering where these problems are caused by either vehicle polymerization or by gradual changes in the vehicle adsorption on pigment surfaces. Synermix® 7 can also be used in the dispersion of iron oxides, carbon blacks, and very fine particle size silicas.

► Key Benefits

Synermix® 7 is an widely compatible additive designed to prevent gelling and improve pigment suspension in a form that is easy to incorporate into most paint systems with no flooding, floating, or flocculation. It will also help to increase mill throughput.

► Applications

Synermix® 7 is fully compatible with most solvent base vehicles, including medium-oil alkyds, short-oil alkyds, vinyl toluene alkyds, epoxy esters, oil-and alkyd-modified urethanes, epoxies, nitrocellulose and acrylics and chlorinated rubber.

► Physical Properties

Property	Value
Active Content	66%
Solvent	Xylene
Density, @ 20 deg C	0.90 g/cm ³
Weight per Gallon	7.5

► Level of Usage

Synermix® 7 may be used as a co-dispersing agent to improve the wetting properties variety of non-aqueous resin systems. It may be incorporated in the mill-base prior to addition of pigments.

Additions of 1 – 3% (by weight on total formulation) of Synermix® 7 will provide optimum performance. Usage levels may vary in different paint systems. It is recommended that a ladder study be performed to determine optimal level.

► Packaging

Synermix® 7 is supplied in pails and drums. Please contact your local Chromaflo Technologies representative for the packaging available in your region.

► Shelf Life

Synermix® 7 should be stored out of direct sunlight at temperatures between 40° F/5° C and 130° F/50° C. Store away from excessive heat or open flame. Keep container closed when not in use

When kept in an original unopened container, it will remain stable for 4 years from the date of manufacture.

©Chromaflo Technologies. This information is furnished without warranty, representation, inducement or license of any kind. It is accurate to the best Chromaflo Technologies' knowledge or is obtained from sources believed to be accurate, Chromaflo Technologies therefore assumes no legal responsibility for reliance upon given information. We reserve the right to make any changes according to technological progress or further developments. Since Chromaflo Technologies does not have control over the exact use of our products or other factors that may affect your specific process and application, our providing this data does not relieve you of the responsibility of carrying out your own tests and experiments prior to any contemplated use of the product. Also when Chromaflo Technologies' products are incorporated into your product, you must make your own determination as to what instructions and warranties to provide.

