

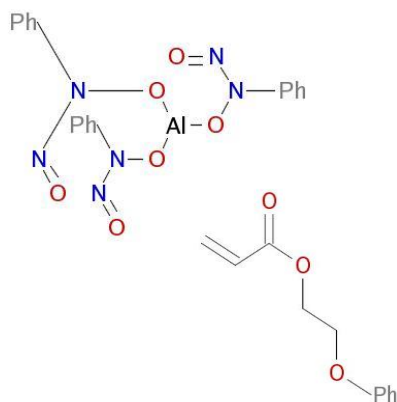
Product Data Sheet

General Information

Omnistab IN 516 is an effective liquid polymerization inhibitor or storage stabilizer for photosensitive resins and monomers. It retards the self-polymerization of UV-coating and ink formulations during storage.

Omnistab IN 516 is effective and has excellent performance in a wide range of applications.

Chemical Data



Chemical Name : Tris(N-hydroxy-N-nitrosophenyl-aminato-O,O')aluminum + 2-Phenoxy ethyl acrylate.
CAS No. : 15305-07-4 + 48145-04-6
EINECS No. : 239-341-7 + 256-360-6

Specification

Appearance	Visual	Medium to dark brown
Viscosity @ 25 °C	Brookfield, ISO 2555	15-20 mPa.s
Purity, %		≥ 99 %
Weight per Gallon		9.00 - 9.20 lbs

Application

Omnistab IN 516 liquid polymerization inhibitor is used to increase the shelf life of olefinic resins. It may be used, after adequate testing, in coatings, adhesives, photo resist, printing inks and printing plates, as well as unsaturated polyester resins, vinyl monomers and acrylated oligomers.

Features & Benefits

Omnistab IN 516 tends to darken with prolonged storage. Since Omnistab IN 516 is added at low concentrations in formulated systems, the light discolouration does not affect performance and should not affect the final quality of the product

Recommended Addition Levels

Addition levels of 0.01 – 0.5 % by weight of formulation for clear systems. For Pigmented systems levels of 1 -3% are recommended.

Storage & Handling

Do not expose to direct sunlight. Store product at room temperature between 5°C and 25°C. Avoid contact with alkaline additives and water. Store in the original packaging.

Subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 12 months.

Omnistab IN 516 should be handled in accordance with good industrial practice. Further information is provided in the material safety data sheet which is available on request.

Regulatory Status

TSCA (USA), EINECS (Europe), IECSC (China), DSL (Canada), PICCS (Philippines), AICS (Australia), NZIoC (New Zealand), ECL (Korea), ENCS/MITI (Japan), TCSI (Taiwan)

Packaging

Omnistab IN 516 is available in pails of 40 lbs (Approximately 18 kg) and drums of 450 lbs (approximately 204 kg)

Disclaimer

The information presented in this data sheet is given in good faith and is based on the material available to us at the time of writing. The information is not to be taken as a warranty or representation for which we assume legal responsibility, nor as permission or recommendation to practice any patented invention without a license. It is offered solely for consideration, investigation and verification.