



NUMBER 4564

Drewplus™ TS-4387

Foam Control Agent

General

Drewplus TS-4387 foam control agent is designed for use in coatings and printing inks. This product is particularly recommended for flexographic printing inks, overprint varnishes and wood lacquers.

Drewplus TS-4387 foam control agent is a V.O.C.-free product.

Typical Properties

Drewplus TS-4387 foam control agent is a non-ionic proprietary formulation of silica derivatives, silicones and surfactants.

Appearance:	Opaque, off-white liquid
Specific gravity:	1.01 g/ml
Brookfield Viscosity @ 25 °C:	1460 cPs
Solubility:	Emulsifiable in water

These data are typical values and should not be considered as specifications.

Testing and Control

Drewplus TS-4387 foam control agent is normally added during the grind phase of paint or ink production. An additional amount may be added in the let-down operation (about 1/3 of total dosage). In non-pigmented systems, pre-mixing with the coalescing solvent(s) is recommended to improve its compatibility. Usage levels vary between 0.1-0.3 percent on total formulation weight.

Drewplus TS-4387 foam control agent may be pre-diluted with water before use, if this simplifies the addition of the product.

Regulatory Information

The ingredients of Drewplus TS-4387 foam control agent meet the requirements of the B.f.R. recommendation, drafts:

14	Synthetic emulsions
15	Silicones
36	Paper and board for food packagings

The ingredients of Drewplus TS-4387 foam control agent are F.D.A. acceptable in accordance with Title 21, CFR sections:

175.105	Adhesives for food packagings
176.170	Components of paper and paperboard in contact with aqueous and fatty foods
176.180	Components of paper and paperboard in contact with dry food
176.210	Paper and board for food packagings



Storage and Handling

Since some phase separation may occur in storage, it is recommended that this product be stirred prior to use, using moderate shear force.

Recommended materials of construction for storage and handling are nylon, polyethylene, PVC, polypropylene, mild steel, aluminum, stainless steel, EPDM, TEFLON* and VITON* materials.

Packaging

Drewplus™TS-4387 foam control agent is available in approximately 55-gallon (200-liter) drums and approximately 7-gallon (25-liter) pails.

Important Information

Ashland maintains Material Safety Data Sheets on all of its products. Material Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees and customers.

Our Material Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Ashland products in your facility.