



NUMBER 4546-1 (Supersedes 4546)

Drewplus™ L-464

Foam Control Agent

General

Drewplus L-464 foam control agent is a proprietary blend of silica and organic solids.

Drewplus L-464 foam control agent is a cost effective foam control agent. Drewplus L-464 can be used in wide a variety of paint formulations including flats, semi-glosses and glosses. Drewplus L-464 is compatible and persistent in most latex paint formulations. Drewplus L-464 foam control agent can be used in both the grind and letdown phase of paint production.

Typical Properties ^(a)

Appearance	Opaque, off white liquid
Specific Gravity.....	0.87
Density (lb/gal).....	7.2
Brookfield Viscosity ^(b) , as supplied (cps)	900
VOC (ASTM D-6886).....	<0.1%
Solubility.....	Non-emulsifiable in water, but dispersible in surfactant systems
Solids	98% ± 2%
Flash point ^(c)	>212°F (>100°C)
Pour Point.....	~ 0°C (32°F)

^(a) These values should be viewed as typical properties and not to be regarded as specifications.

^(b) RV Spindle #3, 50rpm, @ 25°C.

^(c) Pensky Martens Closed Cup (PMCC)

Application

Drewplus L-464 foam control agent is effective at a level of 0.2 - 0.6 percent (two to six pounds per hundred gallons) based on total formulation weight. This product can be added in the pigment dispersion process and/or during the let-down operation. In other applications this product is usually effective at 0.1 - 0.5 percent (one to five pounds per hundred gallons) depending on the exact formulation, application conditions, etc. A good starting dosage is 0.3 percent (three pounds per hundred gallons) based on total formulation weight.

Drewplus L-464 foam control agent is recommended for:

- Trade sales paints including acrylic, vinyl acrylic, polyvinyl acetate and terpolymer emulsions
- Foam control in flat and semi-gloss paint systems where rapid initial bubble break, as well as long-term persistency, is required
- Tint base systems where good color acceptance properties are required
- Aqueous industrial coatings, particularly flow and dip coats
- Various aqueous printing ink and aqueous adhesive formulation



Product Benefits

- Good cost performance
- Excellent chemical compatibility
- Excellent chemical stability
- Low VOC

Storage and Handling

Under normal storage conditions (between 50°F / 10°C and 90° / 33°C in closed packaging), Drewplus™ L-464 foam control agent has good chemical stability. However, Drewplus L-464 foam control agent can exhibit separation with storage. To ensure homogeneity, it is recommended that Drewplus L-464 foam control agent be mixed / recirculated before use or sampling.

Drewplus L-464 foam control agent does not require freeze protection and will not freeze in temperatures commonly experienced in continental United States. However, viscosity will increase considerably if stored at low temperatures.

Recommended materials of construction for storage and handling are polyethylene, PVC, aluminum, mild steel, stainless steel, Teflon* and Viton* materials.

Review the Safety Data Sheet for additional information.

Regulatory

All components of Drewplus L-464 foam control agent are listed on TSCA and DSL chemical inventory (USA and Canada). For additional global chemical inventory information, please refer to Safety Data Sheet Section 15 or contact Ashland Product Regulatory Group. Drewplus L-464 foam control agent does not contain alkyl phenol ethoxylates (APEOs).

Packaging

Drewplus L-464 foam control agent is available in 5 gallon pails, 55 gallon drums and intermediate bulk containers (IBCs) and bulk. Standard 4oz (100ml) samples are available upon request.

Important Information

Ashland maintains Safety Data Sheets (SDS) of all of its chemical products. Safety Data Sheets contain health and safety information relevant for your development of appropriate product handling procedures to protect your employees and customers.

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