

NUMBER 4918

Drewplus™ L-477

Foam Control Agent

Description

Drewplus L-477 foam control agent is a nonionic antifoam formulation comprised of a blend of mineral oils and silica derivatives.

Drewplus L-477 foam control agent has demonstrated excellent foam control ability in a broad range of paint systems. This product is compatible and stable in most standard latex paint formulations. Drewplus L-477 foam control agent in packaged latex paints has a distinct economic advantage over comparable products because of its persistence and foam control properties.

Key Attributes

- Good cost performance
- Excellent general purpose defoamer
- Better film appearance
- Excellent chemical stability

Applications and Usage Notes

- **Water borne interior and exterior architectural paints** – Drewplus L-477 foam control agent normal dosage levels are 0.2 - 0.6 percent by weight (two to six pounds per hundred gallons) and is generally added in the pigment dispersion process or during the letdown operation, but it can also be incorporated into the paint prior to packaging.
- **Latices** – Drewplus L-477 foam control agent has demonstrated excellent antifoam activity in vinyl acrylic, acrylic and polyvinyl acetate latices. This product is compatible and stable in most standard latex formulations. Drewplus L-477 foam control agent provides excellent foam control action during the polymerization reaction and the stripping process of latices.
- **Coatings** – Drewplus L-477 foam control agent is an effective foam control agent in industrial coatings based on both water-reducible resins and latices (i.e., acrylic, styrene acrylic, and more).
- **Adhesives** – Drewplus L-477 foam control agent also demonstrates excellent antifoam activity in aqueous adhesive formulations based on acrylic, PVA and SBR latex systems.

Typical Product Properties

Appearance.....	Opaque, white to off-white liquid
Specific Gravity	0.91
Density (lb/gal)	7.6
Brookfield Viscosity ^(a) , as supplied (cps)	~ 1000
Solubility.....	Insoluble in water, but dispersible in surfactant systems
Solids (110°C).....	98% ± 2%
Flash point ^(b)	> 212°F (>100°C)

^(a) RV Spindle # 3, 20rpm, @ 25°C.

^(b) Pensky Martens Closed Cup (PMCC).

Packaging Information

Product	Physical Form	Pkg Type	Net Wgt (lbs)	Net Wgt (kgs)
Drewplus L-477	Liquid	Pail	40 lbs	18.1 kgs
Drewplus L-477	Liquid	Drum	400 lbs	181.4 kgs
Drewplus L-477	Liquid	IBC	2,000 lbs	907.1 kgs
Drewplus L-477	Liquid	Bulk	-	-

Storage and Handling

Under normal storage conditions (between 50°F / 10°C and 90°F / 33°C in closed packaging), Drewplus™ L-477 foam control agent has good chemical stability. However, Drewplus L-477 foam control agent can exhibit separation with storage. To ensure homogeneity, it is recommended that Drewplus L-477 foam control agent be mixed / recirculated before use or sampling.

Drewplus L-477 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.

Review the Safety Data Sheet (SDS) for additional information.

Product Safety Information

Ashland maintains Safety Data Sheets 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.

Regulatory

All components of Drewplus L-477 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-477 foam control agent does not contain alkyl phenol ethoxylates (APEOs).

To learn more, visit ashland.com

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