



NUMBER 4562-2 (Supersedes 4562-1)

Drewplus™ T-4507

Foam Control Agent

General

Drewplus T-4507 foam control agent is a nonionic foam control agent formulation comprised of a blend of mineral oils and silica derivatives.

Drewplus T-4507 foam control agent is designed for systems requiring more aggressive foam control than conventional silica-based foam control agents. It displays excellent activity in architectural paints based on Acrylics, Styrene Acrylics, Vinyl Acetate (PVA), Ethylene Vinyl Acetate (EVA), Vinyl Acetate Ethylene (VAE) and paints based on blends of vinyl acrylic and acrylic lattices. Drewplus T-4507 foam control agent is compatible and persistent in most latex paint formulations.

Product Benefits

Features	Advantages	Benefits
Higher activity than conventional silica defoamers	Low effective dosages Excellent general purpose defoamer	Better film appearance Reduced microfoam Fast bubble break
Low cost in use vs. conventional	Outstanding cost performance	Cost savings
Excellent chemical stability	Less frequent mixing required	More uniform product addition
Low VOC	No measurable VOC in finished paint	Compliant with current regulations

Typical Properties^(a)

Appearance.....	Opaque, white to off-white liquid
Specific Gravity	~ 0.89
Density (lb / gal)	~ 7.4
Brookfield Viscosity ^(b) as supplied, (cps)	~ 2500
VOC (ASTM D-6886)	< 0.1%
Solubility.....	Dispersible in surfactant systems
Solids (110°C).....	98% ± 2%
Flash point ^(c)	> 212°F (>100°C)

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

^(b) RV Spindle # 3, 20rpm, @ 25°C.

^(c) Pensky Martens Closed Cup (PMCC)



Application

For use in water borne architectural paints the normal dosage levels are 0.1 - 0.6 percent by weight (one to six pounds per hundred gallons) and are generally added in the pigment dispersion process or during the letdown operation, but it can also be incorporated into the paint prior to packaging.

Drewplus™ T-4507 foam control agent is also effective in industrial coatings based on both water-reducible resins and lattices, as well as in aqueous adhesive formulations based on acrylic, PVA and SBR latex systems. Typical addition levels are 0.2 - 0.8 percent by weight (two to eight pounds per hundred gallons), but each system should be evaluated individually for the optimum dosage level.

Storage and Handling

Under normal storage conditions (between 50°F / 10°C and 90° / 33°C in closed packaging), Drewplus T-4507 foam control agent has good chemical stability. However, Drewplus T-4507 foam control agent can exhibit separation with storage. To ensure homogeneity, it is recommended that Drewplus T-4507 foam control agent be mixed / recirculated before use or sampling.

Drewplus T-4507 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.

Regulatory

All components of Drewplus T-4507 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 T-4507 foam control agent does not contain alkyl phenol ethoxylates (APEOs).

Packaging

Drewplus T-4507 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 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.