



NUMBER 4562-1 (Supersedes 4562)

Drewplus™ T-4507

Foam Control Agent

General

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

DREWPLUS TECH ID™ System No. T-4507

Typical Properties

Appearance:	Opaque, off-white viscous liquid
Specific Gravity:	0.89
Brookfield Viscosity at 25 °C:	2500 cps
VOC (ASTM D-6886):	< 0.1%
Solubility:	Insoluble in water, but dispersible in surfactant systems

These values should be viewed as typical and not as specifications.

Application

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 including RHOPLEX* VSR-2015, RHOPLEX* VSR-1050, RHOPLEX* HG-706, Acronal Optive* 130; Styrene Acrylics Acronal* 290 D; high solids vinyl acrylic emulsions such as UCAR*LATEX 379G and ROVACE* 9900; ethylene vinyl acetate emulsions such as VINNAPAS* EF 8001 and paints based on blends of vinyl acrylic and acrylic lattices, such as a UCAR 379/RHOPLEX SG 10M blend. It is highly compatible, stable and long-lasting in most latex paint formulations and will not cause cratering or fish-eyes. The normal dosage levels are 0.15-0.6 percent by weight 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, but each system should be evaluated individually for the optimum dosage level.

Storage and Handling

Drewplus T-4507 foam control agent should be stored at room temperature and mixed prior to use to insure homogeneity.

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



Features	Advantages	Benefits
Higher activity than conventional silica defoamers	Low effective dosages Excellent general purpose defoamer	Better film appearance Reduced microfoam Better bubble break relative to competition
Low use cost	Outstanding cost performance	Cost savings
Excellent product stability	Less frequent mixing required	More uniform product addition
Low VOC	No measurable VOC in finished paint	Allows compliance with current/future regulations

Packaging

Drewplus T-4507 foam control agent is available in various package sizes including drums, semi-bulk containers and bulk.

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.