



NUMBER 4555

Drewplus™ S-4480

Foam Control Agent

General

Drewplus S-4480 foam control agent is a non-ionic blend of silicones and paraffinic oil.

DREWPLUS TECH-I.D.™ System No. S-4480

Typical Properties

Appearance:	Clear liquid
Specific Gravity:	0.95
Brookfield Viscosity @25 °C:	85 cps
Pour Point:	-10° F (-23 °C)
Flash Point:	>212 °F (100 °C)
Solubility:	Insoluble in water, dispersable in surfactant-containing systems

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

Application

Drewplus S-4480 foam control agent is formulated for use in water-based coatings, particularly in clear systems. It is a highly efficient foam control agent with fast performance, excellent persistency and compatibility. Since it functions as an air-release agent, it is particularly effective on microfoam in spray-applied coatings.

This unique product performs via a unique two-step process. First, due to its powerful antifoaming activity, macrofoam formation is prevented. Second, any microfoam that forms during spray application will actually be resolubilized back into the coating film during the drying process by lowering the interface barrier. We term this revolutionary process "microfoam dissolution".

Drewplus S-4480 foam control agent should be added under moderate-to low shear conditions.

In pigmented systems, Drewplus S-4480 foam control agent should be added after incorporation of rheology agents. Recommended dosage levels in non-pigmented systems range from 0.3-0.8 percent on weight of formulation.

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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*.



RESPONSIBLE CARE

All statements, information and data presented herein are believed to be accurate and reliable, but are not to be taken as a guarantee, an express warranty, or an implied warranty of merchantability or fitness for a particular purpose, or representation, express or implied, for which Ashland Inc. and its subsidiaries assume legal responsibility. © Registered trademark, Ashland or its subsidiaries. *Trademark owned by a third party. © 2012, Ashland. Rev. 2-2012

Features	Advantages	Benefits
Higher performance blend of surface active agents	Rapid performance High persistency	No effect on gloss and clarity Active even after coating begins to set
Revolutionary activity	Enhances dissolution of microfoam	Reduced surface imperfections
Versatile foam control agent	Works best in non-pigmented coatings	Product and inventory consolidation

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 S-4480 foam control 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.