



## Technical Data Sheet

### DOWSIL™ Q4-3669 Fluid

#### Silicone Polyether Copolymer

#### Features & Benefits

- Low volatiles
- Performs at low concentrations (0.5%)
- Imparts mar resistance and slip
- Improves leveling
- Readily incorporates into waterborne systems

#### Composition

- Solventless
- 100% active

#### Applications

- The endblocking glycol contains an active hydroxyl group, which is reactive with organic polymers like polyurethanes and acrylics
- For use as a slip and leveling additive in UV and water borne coatings without affecting foam performance or gloss

### Typical Properties

Specification Writers: These values are not intended for use in preparing specifications.

CTM <sup>1</sup>	Property	Unit	Value
0176	Appearance		Clear to Slightly Hazy liquid
1100 G	Specific gravity at 25°C (77°F)		1.04
0004	Viscosity at 25°C (77°F)	cst	280–400
0021 A	Flash point (closed cup)	°C (°F)	> 100 (> 212)
	Actives content	%	100
	Surface Tension (0.1%)	MN/m	26.4 (aqueous)
0606	SiH	ppm	10 ppm
0515	Water	ppm	600
0080	Gardner Color		3.0 max
1249	Hydroxyl	Mg KOH/g	53

1. CTM: Corporate Test Method, copies of CTM's are available on request

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DOWSIL™ Q4-3669 Fluid

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Description	<p>DOWSIL™ Q4-3669 Fluid can be used as supplied or diluted before addition. It is soluble in water and polar solvents.</p> <p>The effect of DOWSIL Q4-3669 Fluid should always be tested prior to its use on a production scale.</p>
How To Use	<p>As a coating additive, the amount of DOWSIL Q4-3669 Fluid required can vary depending on factors such as the type of coating system, the solvent it contains and the resin system.</p> <p>Concentrations can vary from 0.1 to 1.0%.</p>
Handling Precautions	<p>PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE ON THE DOW WEBSITE AT <a href="http://WWW.CONSUMER.DOW.COM">WWW.CONSUMER.DOW.COM</a>, OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.</p>
Usable Life And Storage	<p>When stored between 0°C–40°C in the original unopened containers, this product has a usable life of 30 months from date of production.</p>
Packaging	<p>This product is available in 200 kg drums and 20 kg pails. Samples are available in 500 ml.</p>
Limitations	<p>This product is neither tested nor represented as suitable for medical or pharmaceutical uses.</p>
Health And Environmental Information	<p>To support customers in their product safety needs, Dow has an extensive Product Stewardship organization and a team of product safety and regulatory compliance specialists available in each area.</p> <p>For further information, please see our website, <a href="http://www.consumer.dow.com">www.consumer.dow.com</a> or consult your local Dow representative.</p>

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