



## Technical Data Sheet

### DOWSIL™ 26 Additive

Leveling and wetting agent for solvent-based coatings and inks

#### Features & Benefits

- Complies with FDA Regulations 21 CFR 175.105, 176.200 and 176.210

#### Composition

- Silicone fluid
- Low-viscosity 100 percent silicone fluid, containing no solvents

#### Applications

DOWSIL™ 26 Additive has been successful in these industrial applications<sup>1</sup>:

- To improve leveling and wetting:
  - Inks Solvent-based screen printing ink at 0.2–0.5%
  - Coatings Solvent-based plastics coating at 0.5–1.0%
  - Solvent-based industrial coating at 0.05–0.1% based on total solids

<sup>1</sup>All usage levels are weight percents based on the total formulation unless otherwise noted.

#### Typical Properties

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

Property	Unit	Result
Appearance		Clear liquid
Specific gravity at 25°C (77°F)		0.965
Flash point, closed cup	°C (°F)	57 (135)
Viscosity at 25°C (77°F)	cs	10–20

#### FDA Compliance

DOWSIL 26 Additive is acceptable for food contact use under FDA Regulations 21 CFR 175.105, 176.200 and 176.210.

#### How To Use

DOWSIL 26 Additive is effective at low concentrations. The amount required depends on the type of formulation, the solvent it contains, the resin system and total system solids. DOWSIL 26 Additive is generally effective at concentrations ranging from 0.05 to 0.10 weight percent, based upon total solids, or 0.2 to 1.0 weight percent, based on total formulation. This additive can be added during the grind or letdown, or it can be post-added.

<b>How To Use (Cont.)</b>	Characteristics may vary when used with different systems and formulations. DOWSIL 26 Additive is compatible with acrylic, alkyd, epoxy, nitrocellulose, polyesters and vinyl systems. Thorough preproduction testing is necessary to ensure expected performance.
<b>Handling Precautions</b>	<p><b>Caution:</b> Direct eye contact may cause temporary redness and discomfort.</p> <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>
<b>Usable Life And Storage</b>	DOWSIL 26 Additive has a shelf life of 24 months from date of manufacture when stored below 49°C (120°F). Refer to product packaging for "Use By" date.
<b>Packaging</b>	DOWSIL 26 Additive is available in 113 g (4 oz) samples, 18.1 kg (40 lb) pails and 199.5 kg (440 lb) drums.
<b>Limitations</b>	This product is neither tested nor represented as suitable for medical or pharmaceutical uses.
<b>Shipping Limitations</b>	Class 3 flammable liquid. Ship or store in proper containers.
<b>Health And Environmental Information</b>	<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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