



Technical Data Sheet

DOWSIL™ L-7604

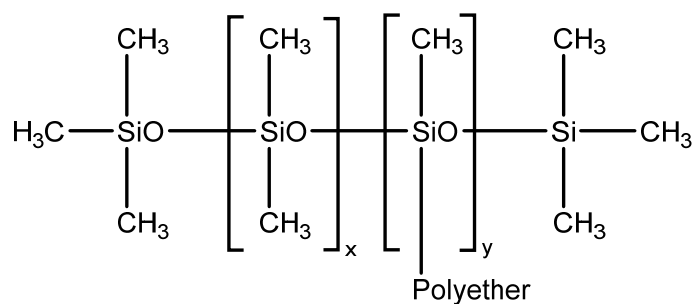
Polyether modified silicone polymer

Features & Benefits

- Compatible in waterborne systems
- Low surface energy
- Impart slip/ mar resistance property

Composition

- Polyether modified silicone polymer



- 100% active

Applications

- General chemical formulations
- Coatings/inks

Typical Properties

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

Property	Unit	Result
Appearance		Colorless to pale yellow liquid
Viscosity	mm ² /s	150–500
Specific Gravity		1.050–1.100
Calculated HLB		13
Surface Tension (1% in Water)	mN/m	24.1

Description	DOWSIL™ L-7604 has polyether functional group bonded to polydimethylsiloxane. This structure enables to reduce surface tension of liquid. DOWSIL™ L-7604 can be formulated to chemical products, paint/ ink formulations. When addition to water borne ink, it can impart slip, mar-resistance and improve gloss.
How to Use	DOWSIL™ L-7604 is effective at low concentrations. The amount required depends on the type of formulation. DOWSIL™ L-7604 is generally effective at concentrations ranging from 0.05 to 2.0 weight percent, but user should determine the best dosage and application method on a small scale test prior to production.
Handling Precautions	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 DOW.COM, OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.
Limitations	This product is neither tested nor represented as suitable for medical or pharmaceutical uses.
Health and Environmental Information	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. For further information, please see our website, dow.com or consult your local Dow representative.
Disposal Considerations	Dispose in accordance with all local, state (provincial) and federal regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner. It is the user's responsibility to verify that treatment and disposal procedures comply with local, state (provincial) and federal regulations. Contact your Dow Technical Representative for more information.
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Customer Notice	Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

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