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TECHNICAL DATA SHEET

**Silquat® 1105B**

**Description**

**Silquat® 1105B** is a fully formulated high molecular weight silicone quat additive that is specifically designed to give beading and cleaning to window washer fluids.

**Typical Properties**

Appearance	Clear dark blue liquid
Solid content %	50
Solvent	Isopropyl Alcohol, Methanol, Hexylene Glycol & water
Specific gravity at 25°C	0.94
Flash point, Closed cup	12°C

**Application & Uses**

**Silquat® 1105B** is a ready to add silicone beading and cleaning agent for window washer fluids. It gives excellent beading without building up on the glass window. **Silquat® 1105B** also contains a cleaning agent and a special non-polar polymeric teal blue dye that will not interfere with the silicone quat's function as a beading agent. **Silquat® 1105B** will not harm glass or wiper blades.

**Sample Formulations**

Component	Winter (to -40°C )	Standard (to -30 °C )	Summer (to -5 °C )
1. Methanol, Industrial Grade	35.0%	23.00%	8.00%
2. <b>Silquat® 1105B</b>	0.02-0.05%	0.02-0.05%	0.02-0.05%
3. Demineralized or Deionized Water	64.98-64.95%	76.98-76.95%	91.98-91.95%

Procedure:

- Add **Silquat® 1105B** into mixing tank containing the methanol
- Mix until uniform and clear
- Add water and mix until uniform and clear

**Shelf Life**

When stored between 10 and 40°C in the original unopened container, **Silquat® 1105B** has a shelf life of 36 months from the date of manufacture.

**Packaging**

**Silquat® 1105B** is supplied in 20kg pails and 190kg drums.

**Legal Disclaimer**

Siltech Corporation believes that the information in this technical data sheet is an accurate description of the typical uses of the product. Siltech Corporation, however, disclaims any liability for incidental or consequential damages, which may result from the use of the product that are beyond its control. Therefore, it is the user's responsibility to thoroughly test the product in their particular application to determine its performance, efficacy and safety. Nothing contained herein is to be considered as permission or a recommendation to infringe any patent or any other intellectual property right.

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