TECHNICAL DATA SHEET

Silamine®DG-50
Amino Functional Silicone

DESCRIPTION
Silamine® DG-50 is an amino functional polydimethylsiloxane. It is a cost effective product that imparts excellent durability and softness.

TYPICAL PROPERTIES

Appearance	Clear to Hazy liquid*
Viscosity (25^{0}C)	150 cps
Specific Gravity (25^{0}C)	0.85
Active Content %	50
Diluents	Aliphatic & aromatic hydrocarbon solvents, isopropyl alcohol

*product may be clear to slightly hazy at time of manufacture but become progressively hazier over time

USES AND APPLICATIONS
Silamine DG-50 is used for formulating auto and home care products where a durable gloss is desired.
Silamine DG-50 is also used to give leather and textiles a durable, soft amino silicone finish.
Key features and benefits of **Silamine DG-50** include:
• Smooth, silky soft hand
• Durable protection and gloss
• Water repellence
• Detergent resistance

Silamine DG-50 is water insoluble. It is soluble in organic solvents e.g. aliphatic, hydrocarbon solvents.

SAFETY
Before handling, read the Material Safety Data Sheet and container label for safe use, physical and health hazard information

STORAGE AND SHELF LIFE
When stored in the original, unopened containers between 10 and 40^{0}C, **Silamine DG-50** has a shelf life of 24 months from date of manufacture.

PACKAGING
Silamine DG-50 is available in 20 Kg and 180 Kg containers.

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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