



SILTECH CORPORATION
225 Wicksteed Avenue
Toronto, Ontario, Canada, M4H 1G5
(416)424-4567 (Tel) (416)424-3158 (Fax)

TECHNICAL DATA SHEET

Silmer[®] NH Di-50

DESCRIPTION

Silmer[®] NH Di-50 is a linear silicone with primary amine terminal groups that can be reacted into various polymers in order to improve their surface and physical properties.

TYPICAL PROPERTIES

Appearance	Clear Liquid
Specific gravity at 25°C	0.94
Viscosity at 25°C, cps	60
Solid content	100%
Primary Amine Value	20-35
Molecular Weight	3,300-4,000

APPLICATION & USES

Silmer NH Di-50 can be co-reacted into various polymers for coatings, plastics, resins and other applications to incorporate a silicone moiety into the polymer structure. The amine functionality in **Silmer NH Di-50** gives a permanent binding into the matrix of the polymers.

Silmer NH Di-50 is reactive with polymers that contain electrophilic groups such as epoxide, carboxylic acid, ester or isocyanate end groups.

SHELF LIFE

When stored between 10 and 40°C in the original unopened container, **Silmer NH Di-50** has a shelf life of 24 months from the date of manufacture.

PACKAGING

Silmer NH Di-50 is supplied in 20kg pails and 200kg 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.

Silmer is a registered trademark of Siltech Corporation, Toronto, Ontario, Canada.