

SiVance®

Specialty Silicones

Diethoxypolydimethylsiloxane

Technical Data



Description

SiVance Diethoxypolydimethylsiloxane is a polydimethylsiloxane with terminal ethoxy groups.

Recommended Use

Diethoxypolydimethylsiloxane is a chemically reactive polysiloxane which can hydrolyse producing terminal silanol groups which in turn can bind to various organic polymers, e.g.: acrylates, urethanes, and epoxies to form water repellant coatings.

Diethoxypolydimethylsiloxane has also been used as a component in coatings which are anti-fouling.

Typical Properties

Product Code	3000063733
CAS Number	70851-25-1
Molecular Weight (g/mol)	~700
Specific Gravity, at 20°C	0.94
Boiling Point	> 205°C
Flash Point, TCC	> 63°C
Viscosity, cSt	4-12
Ethoxy Content (%)	7-9
Appearance	Clear, Colorless Oil

Values shown are not intended for specification preparation

Handling and Storage Precautions

If stored for longer than one year, the material should be reevaluated prior to use. Store the container in a cool, dry area. Keep the container tightly closed when not in use.

Additional safety, environmental and regulatory issues are addressed in the Safety Data Sheet.

Please contact your SiVance Representative for additional information.

PLEASE NOTE: As each customer's use of our product may be different, information we provide, including without limitation, recommendations, test results, samples, care/labeling/processing instructions or marketing advice, is provided in good faith but without warranty and without accepting any responsibility/liability. Each customer must test and be responsible for its own specific use, further processing, labeling, marketing, etc. All sales are exclusively subject to our standard terms of sale posted at www.milliken.com/terms (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing.

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