

# ADDSiL™ 8427

## Polyurethane Synthetic Leather Modifier

### INTRODUCTION

ADDSiL™ 8427 is a primary hydroxyl-functional polyether-modified polydimethylsiloxane. It is used for organic resin modifier and thread lubricant.

### BENEFITS

- Good solubility with organic lubricant components.
- Good thermal stability.
- Improved flow-out of resin coating.
- Improved abrasion resistance.
- Antisticking performance.

### TYPICAL PHYSICAL PROPERTIES

Color and Appearance	Slight amber clear liquid
Active Ingredient	100%
Flash Point	>100°C
Density <sub>25°C</sub>	1.01~1.05g/ml
Viscosity <sub>25°C</sub>	50~90s (T-4 viscometer)
Recommended Levels	0.05~0.5%

### APPLICATIONS

ADDSiL™ 8427 can be used directly or diluted before application or addition to a resin system. Dilution can be accomplished by organic solvents or water.

ADDSiL™ 8427 soluble in water up to 20% solids add-in. Before addition to a water-based system, a 20% solid pre-dilution should be made.

### RECOMMENDED LEVELS

The recommended dosage is 0.05~0.5% of the total formulations.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

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### PACKING AND STORAGE

ADDSiL™ 8427 is supplied in 25Kg / 200Kg plastic drum or steel drum or according to customer's request.

In the original unopened packaging, ADDSiL™ 8427 has a shelf life of 24 months.

### NOTES

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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Please send all technical questions concerning quality and product safety to: [support@SiSiB.com](mailto:support@SiSiB.com).