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TECHNICAL DATA SHEET

Silstab® 2477

DESCRIPTION

Silstab® 2477 is a non-hydrolyzable block copolymer of dimethylsiloxane and a polyoxyalkylene, to be used in the manufacture of rigid polyurethane foams.

TYPICAL PROPERTIES

Appearance	Clear to slightly hazy liquid
Colour, Gardner	1
Viscosity at 25°C, cps	340
Specific Gravity at 25°C	1.01
Flash Point, °C (PMCC)	>100°C
Freezing Point, °C	<0°C
Hydroxyl Number, mg KOH/g	87

USES & APPLICATIONS

Silstab 2477 imparts excellent stabilization and emulsification to produce a fine, uniform cell structure with a high degree of closed cells and excellent flow performance.

Silstab 2477 is especially formulated to impart improved fire performance properties – lower smoke and flame spread, for pour and spray foam systems blown with Solstice (HFO-1233zd), Opteon 1100 (HFO-1336mzz), Ecomate, or pentanes.

In Solstice (HFO-1233zd) blown foams, **Silstab 2477** imparts improved long-term aging of the B-or polyol side.

The recommended use level is between 1.0 – 3.0 % by weight on the B-side.

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°C, **Silstab 2477** has a shelf life of 36 months from date of manufacture.

PACKAGING

Silstab 2477 is supplied in 200kg drums and 1,000kg totes.

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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