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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 for pour and spray foam systems blown with HFC-365mfc, HFC-245fa, HFO-1233zd, or pentanes.

In HFO-1233zd blown foams, **Silstab 2477** imparts improved long-term aging of the B-side, and improved fire performance.

The recommended concentration used is between 1.0 - 3.0% weight percent 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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