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TECHNICAL DATA SHEET

## Silstab®3900

### **DESCRIPTION**

**Silstab®3900** is a low fogging, cell regulating and surface stabilizing surfactant used in high resiliency flexible foams, for use in TDI, TDI/MDI and MDI foam systems.

It is typically combined with a strong bulk stabilizer, like **Silstab 3040**. The dual surfactant approach imparts improved flowability and processing latitude when using complex mould designs.

### **TYPICAL PROPERTIES**

Appearance	liquid
Colour, Gardner	< 1
Viscosity at 25°C, cps	10
Specific Gravity at 25°C	0.93
Flash Point, °C (PMCC)	>100°C
Hydroxyl Number, mg KOH/g	210 ± 20

### **USES & APPLICATIONS**

**Silstab 3900** is used in HR moulding foams as a cell regulator to reduce sub-surface voids and as a surface stabilizer to prevent skinning on the moulded part. **Silstab 3900** is applicable for use in cold-cure TDI systems, containing conventional polyether and polyester polyols, including systems based on SAN and copolymer polyols, and systems with low or high water levels.

**Silstab 3900** can also be used in TDI/MDI and MDI-cold cure foams, imparting a very fine and uniform cell structure.

**Silstab 3900** is also used in semi-flexible, micro-cellular and integral skin systems, including shoe sole applications, imparting reduced surface defects on the moulded parts.

The recommended concentration used is between 0.3 – 0.8 pphp when used in combination with a strong bulk stabilizer.

### **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 between 10 and 40°C in the original unopened container, **Silstab 3900** has a shelf life of 36 months from the date of manufacture.

### **PACKAGING**

**Silstab 3900** 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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