

## Technical Data Sheet

Last revised: **01-2019**

### DELTA-SC® 2033

**DELTA-SC® 2033** is a cost-effective silicone surface additive to provide good substrate wetting of critical substrates and excellent anti-cratering by reduction of surface tension of the coating systems. It also improves surface slip, scratch resistance and antiblocking properties.

**DELTA-SC® 2033** improves dust and spray dust acceptance and allows higher film thickness on vertical surfaces. It reduces air draft sensitivity particularly in wood coatings. **DELTA-SC® 2033** prevents formation of Bénard cells and improves flattening agent orientation. It is suitable for **coatings** and **printing inks**.

#### **Specifications:**

|                         |   |
|-------------------------|---|
| Composition             | : Solution of a polyether-modified siloxane |
| Solvent(s)              | : Butylacetate                              |
| Specific gravity @ 20°C | : ca. 0.91 g/cm <sup>3</sup>                |
| Flashpoint              | : 24 °C                                     |
| Appearance              | : Clear liquid                              |
| Active ingredients      | : 13-15%                                    |

Methods of analysis can be received upon request

#### **Applications and usage:**

##### Coatings

**DELTA-SC® 2033** is highly compatible with various resin systems (solvent-based), which makes it suitable for use in clear coatings such as two-pack PU and acid curing systems.

Due to its low surface tension, **DELTA-SC® 2033** reduces air draft sensitivity in wood and furniture coatings and prevents formation of Bénard cells and cratering in various resin systems.

**DELTA-SC® 2033** also improves surface slip, scratch resistance and anti-blocking properties.

It can be added at any stage of manufacture as long as sufficient shear forces are applied to ensure uniform distribution of the additive.

**0.1-1.0% on total formulation weight**

##### Printing Inks

**DELTA-SC® 2033** increases surface slip, reduces the abrasion and gives anti-blocking properties. At the same time, gloss and wetting of critical substrates are improved. It is especially effective in nitrocellulose-based flexographic inks.

**DELTA-SC® 2033** can be added at any stage of the manufacturing process. In all cases care should be taken to ensure uniform distribution.

**0.1-1.0% on total formulation weight**

#### **Safety and Handling:**

**DELTA-SC® 2033** should be handled in accordance with good industrial practice. Detailed information can be found in the Safety Data Sheet.



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### **Storage:**

**DELTA-SC® 2033** should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 5 years from the date of manufacture. The production date is indicated on the container.

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### **Packaging:**

50 kg and 180 kg non-returnable metallic containers.

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