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## SILCO CT 5051

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| <b>Characterization</b>    | Levelling and surface additive   |
| <b>Chemical Structure</b>  | Aqueous emulsion of a polysiloxane   |
| <b>Appearance</b>          | Opaque to white liquid   |
| <b>Non volatile matter</b> | 70 % + - 2   |
| <b>Stabilities</b>         | SILCO CT 5051 is sensitive to frost; after the impact of temperatures considerably below the freezing point irreversible changes could occur. The product is sensitive to temperatures above 40°C. |
| <b>Storage</b>             | The product is stable for at least 18 months at well-ventilated areas. Avoid temperatures below 4 °C and above 40 °C. Prevent from freezing. Stir before use.                                      |

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The above given values are product describing data. Please consult the 'delivery specification' for binding product specifications. Further data about product properties, toxicological, ecological data as well as data relevant to safety can be found in the safety data sheet.

## Properties

- Highly effective
- Easy to incorporate in aqueous systems
- Improves slip significantly
- Improves scratch resistance
- Improves abrasion resistance
- Improves block resistance
- Improves metal marking resistance
- Improves haptic properties
- Good water resistance

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## Application Technique

### Application Fields

Due to its chemical structure SILCO CT 5051 is particularly recommended for water based formulations. SILCO CT 5051 is particularly recommended as slip additive for pigmented as well as for clear coatings.

#### Preferred fields of application:

- Industrial coatings
- Wood coatings
- Automotive coatings
- Water based coating systems
- Leather coatings
- Metal coatings

### Recommendation for Use

We generally recommend a dosage of 0.1 – 2.0 % calculated on the total formulation. The optimal dosage has to be determined through preliminary tests.

We recommend to add the additive at the end of the production process at low to medium shear forces.

**We reserve the right to modify the product and technical leaflet.**

**Our department for applied technique is always at your service for further information and advice.**

Our technical advice and recommendations given verbally, in writing or by trials are believed to be correct. They are neither binding with regard to possible rights of third parties nor do they exempt you from your task of examining the suitability of our products for the intended use. We cannot accept any responsibility for application and processing methods which are beyond our control.

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