

# Product Data Sheet

## K-SILCO 5300



**Silicone-based anti-foam and de-aeration agent for solvent-free coatings and composite. It produces rapid de-aeration of solvent-free epoxy and polyurethane compounds so that foam and blister-free selfleveling coatings can be produced. It promotes better flow, blushing resistance also, very effective in clear coating system without hamper the clarity, control on micro foam, effective on production process or during application process, providing a smooth surface to the coating.**

### SPECIFICATIONS

<b>Composition</b>	<b>: Solution of defoaming substances containing silicone</b>
<b>Solvent(s)</b>	<b>: C8 ketone and alcohol</b>
<b>Specific gravity @ 20°C</b>	<b>: Ca. 0.86 g/cm<sup>3</sup></b>
<b>Flashpoint</b>	<b>: 90 °C</b>
<b>Appearance</b>	<b>: Colorless, clear to slightly hazy liquid</b>

### APPLICATIONS AND USAGE

#### Coatings:

**It can be used in pigmented and non-pigmented systems and is particularly suited for solvent-free epoxy floorings also effective in solvent based coatings based on Epoxy, alkyd, NC, PU, PVC etc. It can be incorporated prior to processing. If it is added subsequently, good distribution must be insured.**

**0.2-1 % on total formulation weight**

#### Composite and Putty :

**K-SILCO 5300 helps rapid de-aeration of the polyester during application so that foam and blister-free compounds/laminates/putty can be produced.**

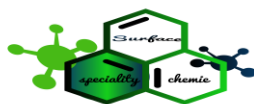
**It can be used in room temperature curing unsaturated polyesters, which are used in glass fiber reinforced systems. It is particularly recommended for thin layer (gel coats) and casting systems.**

**It should be added during the initial mix and prior to processing to avoid foam and blister formation. If it is added to the finished compound, care should be taken to ensure uniform distribution.**

**0.3-1.0% on total formulation weight**

## **STORAGE, SAFETY & HANDLING**

**K-silco 5300** 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. **K-SILCO 5300** should be handled in accordance with good industrial practice. Detailed information can be found in the Safety Data Sheet.



The technical information and specifications contained in this data sheet are based on careful investigations and given to the best of our knowledge. Nevertheless circumstances under which the product is used in practice are subject to many variations.

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