
SILCO CT 1003

Characterization	Wetting and dispersing additive for aqueous coating systems
Chemical Structure	Organomodified phosphoric acid esters in water
Appearance	Yellowish, clear liquid
pH-Value	8.0 + - 1
Concentration	40 % + - 1
Ionic Character	Anionic
Stabilities	The product is sensitive to frost to a certain extent. Changes occurring at low temperatures but disappear after warming up and stirring well.
Storage	The product is stable for at least 24 months at well-ventilated areas. Avoid temperatures below 4 °C and above 40 °C. Prevent from freezing. Stir before use.

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
- Broad compatibility with water based binder systems in alkaline medium
- Improves the storage stability of pigment dispersions and formulated paints
- Excellent colour acceptance
- Good water resistance
- Suitable for binder free pigment concentrates
- Free from mineral oils and APEO

Application Technique

Application Fields

Due to its chemical structure SILCO CT 1003 is particularly recommended as wetting and dispersing additive for all inorganic pigments and fillers.

SILCO CT 1003 is particularly characterised as dispersing agent for inorganic coloured pigments in aqueous coating systems.

Preferred fields of application:

- Water based paints & coatings

Recommendation for Use

We recommend a dosage of 5 % on inorganic and 10 - 20 % on organic pigments calculated on the total pigment weight.

The optimal dosage has to be determined through preliminary tests. The dosage depends on the pigment's chemical nature, the shape and the particle surface.

The additive should be added to the mill base before predispersion.

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.

Edition: September 2020

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