



Organo-modified silicone copolymer,
50 % active ingredient in xylene / isobutanol 4:1

Description

Borchi® Gol LA 10 is a new pre-diluted surface active agent based on an organo-modified silicone compound. It promotes flow and levelling properties in solvent based coating systems.

Borchi® Gol LA 10 develops a medium surface tension reduction and can be used either for clear-coats or for pigmented coating systems.

Characteristic data

Appearance:	clear liquid	
Active ingredient:	50 %	
Density (20 °C), g/cm ³ :	approx. 0.94	DIN 51757
Viscosity (23 °C), s:	max. 25	DIN 53211
Refracting index (23 °C):	1.461 – 1.466	DIN 51423

Properties

Borchi® Gol LA 10 facilitates levelling and flow characteristics to a wide range of formulated systems. The formation of surface defects like craters, pin holes or Bénard cells will be avoided.

Borchi® Gol LA 10 promotes mar and scratch resistance as well as blocking stability. The optical appearance will be favourably controlled.

Applications

Borchi® Gol LA 10 is characterized by good binder compatibility and is particularly suitable for chemically curing finishing paints based on hydroxyl bearing polyacrylates and polyesters (e.g. range *Desmophen*® served by Bayer Material Science), primarily polyester melamine or epoxy systems.

Borchi® Gol LA 10 furthermore controls surface levelling in physically curing finishes based on long-, middle and short chain alkyds and polyacrylates.



Dosage

Borchi® Gol LA 10 can be added to the paint in any formulation step including post addition. We recommend its addition in a final production step after adding all ingredients.

The required amount of **Borchi® Gol LA 10** depends on the required effect. Usual amounts are approx. 0.1 to 0.3 % by weight on total formulation. The optimum amount should be determined individually by pre-trials. When preparing pigmented systems, occasionally higher amounts are needed.

Storage

Protect from the effects of weathering and store at temperatures between 5 and 30 °C.
Once opened. Containers should be released immediately after each removal of the product.

Safety

Please refer to our safety data sheet for information relating to product safety.

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