



Organo-modified silicone copolymer,
50 % active ingredient in Solvesso 100 / methoxy propyl acetate 9:1

Description

Borchi® Gol LA 20 is a pre-diluted, highly efficient organo-modified silicone compound to improve surface properties during and after application.

In addition to promote flow and levelling properties **Borchi® Gol LA 20** supports the quick rise of entrapped air in the applied film. Moreover the development of surface damages like pin holes and craters will be avoided.

Characteristic data

Appearance:	clear liquid	
Active ingredient:	50 %	
Density (20 °C), g/cm³:	approx. 0.85	DIN 51757
Viscosity (23 °C), s:	max. 25	DIN 53211
Refracting index (23 °C):	1.470 - 1.475	DIN 51423

Properties

Borchi® Gol LA 20 facilitates spreading and wetting characteristics to a wide range of formulated systems. The development of surface defects like craters, pin holes or Bénard cells will be inhibited.

Borchi® Gol LA 20 does favourably control the optical film appearance by reduction of haze and increased gloss.

Applications

Borchi® Gol LA 20 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, epoxy and certain UV systems.

Furthermore **Borchi® Gol LA 20** controls surface effects in physically curing finishes based on long-, middle and short chain alkyds and polyacrylates.



Dosage

Borchi® Gol LA 20 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 20** depends on the required effect. Usual amounts are approx. 0.05 to 0.50 % 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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