

Hydropalat[®] SL 3682

general

slip and anti-blocking additive for aqueous systems

- excellent slip and anti-blocking performance
- improved scratch and mar resistance
- no tin catalyst nor ethylbenzene used in formulation

chemical nature

aqueous dispersion of a ultra-high molecular weight silicone

Properties

physical form

white, hazy liquid

storage

The product should be stored in a cool dry place. Store protected against freezing. During storage a slight phase separation might occur. The properties of Hydropalat[®] SL 3682 are not affected, if the product is thoroughly mixed prior to use.

typical properties (no supply specification)

solid content	~ 65%
density at 25 °C	~ 0.98 g/cm ³
viscosity	~ 2000 mPa·s

Application

Hydropalat[®] SL 3682 is a highly effective slip and anti-blocking additive. It is well suited for aqueous paint, coating and ink formulations to provide slip, mar resistance and anti-blocking properties.

Due to its good compatibility properties, it is suitable for glossy paints and also clear coating formulations (e.g. wood coatings). In addition, it shows a broad compatibility with different aqueous binder systems.

recommended concentrations

0.05 – 2.0% on total formulation

Hydropalat[®] SL 3682 can be added as supplied or it can be pre-diluted with water for easier handling. However, a dilution of Hydropalat[®] SL 3682 might show limited storage stability.

Contacts worldwide

Asia

BASF East Asia Regional Headquarters Ltd
45/F, Jardine House
No. 1 Connaught Place
Central Hong Kong
China
formulation-additives-asia@basf.com

North America

BASF Corporation
11501 Steele Creek Road
Charlotte, NC 28273
USA
formulation-additives-nafta@basf.com

Europe

BASF SE
Formulation Additives
67056 Ludwigshafen
Germany
formulation-additives-europe@basf.com

South America

BASF S.A
Rochaverá - Crystal Tower
Av. das Nações Unidas, 14.171
Morumbi - São Paulo-SP
Brazil
formulation-additives-south-america@basf.com

Validity

This Technical Data Sheet is valid for all versions of the Hydropalat® SL 3682.

Safety

When handling these products, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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