

Efka® PL 5605

Product description Plasticizer

Key benefits

- Plasticizer for nitrocellulose, chlorinated rubber and PVC- systems
- Excellent alternative for phthalates
- Reduces viscosity in PVC System

Chemical nature Epoxidized methyl esters of soybean oil fatty acids

Properties

Physical form Clear, yellowish liquid

Technical data

(no supply specification)

Aspect		Clear Liquid
Water Content (Karl Fischer)	%	Max. 0,2
Epoxy Content	%	Min. 3,3
Acid Value	(mgKOH/g)	Max. 5

Application

Efka® PL 5605 has plasticizing properties for both nitrocellulose and other physical drying systems, showing performance similar to the most common phthalates plasticizers in NC lacquers.

Efka® PL 5605 can also be used as a plasticizer and viscosity reducer in PVC pastes. Efka® PL 5605 has ultra-violet ray stabilization properties and low evaporation rate.

Formulation guideline

For use as a plasticizer in paints, the dosage of plasticizer depends on the desired system flexibility.
Generally, this value is between 1 to 5% plasticizer on the formulation.

Storage

Efka® PL 5605 is stable for 1 year if stored in its original sealed packaging in a cool, dry place.

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 Efka® PL 5605.

Safety

When handling this product, 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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