

# Efka<sup>®</sup> PB 2050

## general

### defoamer

- silicone-free defoamer for solvent-based systems
- particularly effective in thermosetting resin systems
- Efka<sup>®</sup> PB 2050 achieves fast de-aeration of polyester and epoxy resin systems
- ensuring the production of foam- and bubble-free compounds and parts
- improved leveling

## chemical nature

solution of defoaming substances, silicone-free

## Properties

### physical form

clear, colorless liquid

### storage

Efka<sup>®</sup> PB 2050 should be stored in a cool dry place.

### typical properties (no supply specification)

solvent	alkyl benzene/methoxypropyl acetate
density at 20 °C (68 °F)	~ 0.87 g/cm <sup>3</sup>
flash point	44 °C (111 °F)

## Application

Efka<sup>®</sup> PB 2050 is a special additive for gelcoats, casting resins and epoxy resin systems (e.g. floorings). In addition it can be used in unsaturated polyesters systems curable at room temperature, which are used in glass fiber reinforced systems.

### recommended concentrations

0.1–0.5 % on total formulation

To avoid the formation of foam and bubbles, Efka<sup>®</sup> PB 2050 should be added at the beginning of the production/application. If added at the end of the manufacturing process, good dispersion should be ensured.

## 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](mailto:formulation-additives-asia@basf.com)

## North America

BASF Corporation  
11501 Steele Creek Road  
Charlotte, NC 28273  
USA  
[formulation-additives-nafta@basf.com](mailto:formulation-additives-nafta@basf.com)

## Europe

BASF SE  
Formulation Additives  
67056 Ludwigshafen  
Germany  
[formulation-additives-europe@basf.com](mailto: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](mailto:formulation-additives-south-america@basf.com)

**Validity**

This Technical Data Sheet is valid for all versions of the Efka® PB 2050.

**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.

® = registered trademark, ™ = trademark of BASF Group, unless otherwise noted

[www.basf.com/formulation-additives](http://www.basf.com/formulation-additives)