

# Efka<sup>®</sup> PU 4061

## general

high-molecular-weight dispersing agent

Efka<sup>®</sup> PU 4061 is a polymeric dispersant for stabilizing inorganic and organic pigments. This results in:

- improved gloss and DOI
- reduced flooding
- higher color strength
- lower viscosity

## chemical nature

modified polyurethane

## Properties

### physical form

clear to slightly hazy yellowish liquid

### storage

Efka<sup>®</sup> PU 4061 may partially solidify when stored below 10 °C (50 °F). Heat to 35–40 °C (95–104 °F) to reliquify.

### typical properties (no supply specification)

solvent	n-butyl acetate / methoxypropyl acetate / xylene
density at 20 °C (68 °F)	~ 0.95 g/cm <sup>3</sup>
active ingredients	~ 30 %
flash point	24 °C (75°F)
amine value	~ 8 mg KOH/g
color	≤ 6

## Application

Efka<sup>®</sup> PU 4061 is recommended for all types of solvent-based coatings, particularly high-quality industrial coatings such as automotive topcoats (OEM and refinish), coil coatings and 2-pack polyurethane coating systems. It is also suitable for use in pigment concentrates.

### recommended concentrations

Calculation method for the required amount of active ingredient on pigment:

inorganic pigments	10 % of oil absorption value
organic pigments	25–50 % of BET value
carbon blacks	20 % of DBP absorption value

Efka<sup>®</sup> PU 4061 should be incorporated in the mill base before adding the pigments.

## 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® PU 4061.

**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**

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