

efka® - 3886

Reactive slip, levelling and anti-blocking additive

Composition: Polyisocyanates modified polysiloxane

Data:

Active ingredients	: 50 - 52%	
Solvents	: butylacetate/methoxypropylacetate	
Density at 20 °C	: 1.00 - 1.02 g/cm ³	DIN 51757
Flashpoint	: 24 °C	ISO 3679
Appearance	: clear, colourless liquid	
NCO-value	: approx. 12% on active ingredients	

Properties: EFKA-3886 is a polysiloxane modified polyisocyanate designed to crosslink with hydroxyl or carboxyl groups. It is compatible with most polyisocyanates e.g. Desmodur® and similar products. The addition of EFKA-3886 in polyurethane lacquers or coatings gives the following advantages:

- improved levelling
- reduced tendency for orange-peel or cratering
- improved slip and surface smoothness, these improvements are more permanent, as the additives cross-link to form part of the final film
- reduced surface tension with little or no foam formation
- prevention of Bénard cells

Application: EFKA-3886 is a cross-linking additive designed for all polyurethane systems, both two-component and moisture curing. It must be added to the polyisocyanate solution in two component systems.

EFKA-3886, especially developed for use in wood finishes, helps to improve mar-resistance, orientation of the matting agent and the prevention of flooding in pigmented systems. When applying the polyurethane system by curtain coating on open pore wood surfaces, a defoamer such as EFKA-2022 should be added.

Since EFKA-3886 actually takes part in the cross-linking action and forms an integral part of the finished polymer, the slip and scratch resistance properties are more permanent compared with normal additives.

Addition: 2.0 - 3.0% calculated on the polyol component.

EFKA-3886 should be added to the hardener component. The NCO-value of EFKA-3886 of approx. 12% (based on solids) should be taken into account in the isocyanate calculation.

Storage: EFKA-3886 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 2 years from the date of manufacture. The expiry date is indicated on the container.

Packaging: 25 kg and 200 kg non-returnable containers
