

# Guiding Formulation No. PU 8080 1 001

## SILIKOPUR® 8080 – Color: Yellow

Siliconized polyurethan emulsion for highest requirements in flexibility;  
substrates such as foil, leather, plastics (PA, PC, ABS), metal, wood

### 1. Stirring p.p.w.

Pos. 1 SILIKOPUR® 8080 <sup>1</sup>	95.0
Pos. 2 pigment paste	5.0
Total	----- 100.0

### 2. Pigment paste

#### Mill-base: p.p.w

Pos. 1 Water, demi.	23.9
Pos. 2 TEGO® Dispers 750 W <sup>2</sup>	25.0
Pos. 3 TEGO® Foamex 830 <sup>3</sup>	1.0
Pos. 4 Parmetol K40 <sup>4</sup>	0.1
Pos. 5 Paliotol yellow L0962 <sup>5</sup>	50.0
grinding < 25 µm	
Total	----- 100.0

#### Pigment paste-procedure:

Charge Pos 1 and add under stirring Pos. 2 – 5.  
Grinding by ball mill until particle size is achieved.

<sup>1</sup> Evonik Tego Chemie GmbH: waterborne siliconized polyurethane dispersion

<sup>2</sup> Evonik Tego Chemie GmbH: wetting- and dispersing additive

<sup>3</sup> Evonik Tego Chemie GmbH: defoamer

<sup>4</sup> Schuelke & Meyr: preserving agent

<sup>5</sup> BASF: organic yellow pigment

Theoretical solid content:	33 %
Flash off time:	30 min
Drying conditions:	30 min 70 °C
Dry film thickness:	approx 30 µm