

Guiding Formulation No. PU8080 3 002

SILIKOPUR® 8080 – Color: Red

Siliconized polyurethane 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 ¹	95.0
Pos. 2 pigment paste	5.0

Total	100.0

2. Pigment paste	
Mill base:	p.p.w
Pos. 1 water, demi.	17.4
Pos. 2 TEGO® Dispers 750 W ²	21.0
Pos. 3 TEGO® Foamex 830 ³	1.0
Pos. 4 Parmetol K40 ⁴	0.1
Pos. 5 Bayferrox 130M ⁵	60.0
Pos. 6 Aerosil 200 ⁶	0.5

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.

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

¹ Evonik Tego Chemie GmbH: waterborne siliconized polyurethane dispersion

² Evonik Tego Chemie GmbH: wetting and dispersing additives

³ Tego Chemie Service: defoamer

⁴ Schuelke & Meyr: preserving agent

⁵ Bayer: inorganic red pigment

⁶ Evonik Degussa GmbH: fumed silica