

Guiding Formulation No. PU8080 3 001

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.	38.8
Pos. 2 TEGO® Dispers 750 W ²	23.1
Pos. 3 TEGO® Foamex 830 ³	1.0
Pos. 4 Parmetol K40 ⁴	0.1
Pos. 5 Hostaperm red E3B ⁵	37.0

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.

- ¹ Evonik Tego Chemie GmbH: waterborne siliconized polyurethane dispersion
- ² Evonik Tego Chemie GmbH: wetting and dispersing additive
- ³ Evonik Tego Chemie GmbH: defoamer
- ⁴ Schuelke & Meyr: preserving agent
- ⁵ Clariant: organig red pigment

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