

Guiding Formulation No. PU8080 0 001

SILIKOPUR® 8080 – Color: White

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 ¹ | 57.00 |
| Pos. 2 Pigmentpaste | 43.00 |
| Total | ----- 100.0 |

2. Pigment paste

Mill-base: p.p.w

| | |
|---|----------------|
| Pos. 1 Water, demi. | 19.9 |
| Pos. 2 TEGO® Dispers 750 W ² | 8.7 |
| Pos. 3 TEGO® Foamex 830 ³ | 1.0 |
| Pos. 4 Aerosil 200 | 0.3 |
| Pos. 5 Parmetol K40 ⁴ | 0.1 |
| Pos. 6 Kronos 2310 ⁵ | 70.0 |
| grinding < 25 µm | |
| Total | ----- 100.0 |

Pigment paste-procedure:

Charge Pos. 1 and add under stirring Pos. 2 – 6.

Grinding by ball mill until particle size is achieved.

| | |
|----------------------------|---------------|
| Theoretical solid content: | approx. 50 % |
| Flash off time: | 30 min |
| Drying conditions: | 30 min 70 °C |
| Dry film thickness: | approx. 30 µm |

¹ Evonik Tego Chemie GmbH: waterborne siliconized polyurethandispersion

² Evonik Tego Chemie GmbH: wetting- and dispersing additive

³ Evonik Tego Chemie GmbH: defoamer

⁴ Schuelke & Meyr: preserving agent

⁵ Kronos: titandioxide