

WACKER® ADHESION PROMOTER HF 86

Silicone Rubber Additives

solvent-free adhesion promoter for addition curing liquid silicone rubbers, especially for textile coatings.

Properties

- improved adhesion of silicone rubbers to textiles
- also for textile priming in aqueous solution
- solvent-free

Technical data

General Characteristics

| Property | Condition | Value | Method |
|------------|-----------|------------------------|-----------------|
| Appearance | - | colorless to yellow | - |
| Density | - | 1.11 g/cm ³ | DIN EN ISO 2811 |
| Viscosity | 23 °C | 4 mPa·s | DIN 51562 |

These figures are only intended as a guide and should not be used in preparing specifications.

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

Application details

Adhesion Promoter Additive

Combined with solvent-based and solvent-free addition-curing silicones a better anchorage of the silicone film on textile substrates can be obtained with WACKER® ADHESION PROMOTER HF 86. In these systems WACKER® ADHESION PROMOTER HF 86 is clearly dilutable. The standard application concentration is 0.5 - 2 wt %.

Textile priming

Combined with HTV silicones, a better anchorage can be obtained by priming the textile with an aqueous solution of WACKER® ADHESION PROMOTER HF 86. The standard concentration for this application is 4 wt %.

Processing

ADHESION PROMOTER HF 86 is added to liquid silicone rubber formulations and thoroughly homogenized with standard mixing equipment.

The reactivity of addition curing silicone rubbers can be reduced by the addition of ADHESION PROMOTER HF 86 , and the curing times should be increased by 20-100%. Furthermore, the viscosity of liquid silicone rubber formulations can increase upon addition of ADHESION PROMOTER HF 86. It is strongly recommended to run preliminary tests to ensure a working coating process.

Packaging and storage

Packaging

This product is available in 5 kg and 25 kg pails, 200 kg drums and 1000 kg IBCs.

Storage

The 'Best use before end' date of each batch is shown on the product label. Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

QR Code WACKER® ADHESION PROMOTER HF 86



For technical, quality or product safety questions, please contact:

Wacker Chemie AG, Hanns-Seidel-Platz 4, 81737 Munich, Germany
productinformation@wacker.com, www.wacker.com

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