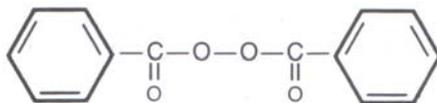


## BP-40-SAQ

Dibenzoylperoxide  
CAS#94-36-0  
40 % Suspension in water

### Structural Formula



### Description

BP-40-SAQ is a low viscosity, sprayable environment friendly aqueous BPO suspension.  
BP-40-SAQ is specifically designed for use in the curing of methacrylate resins. Main application: curing of roadmarking colours and coatings.

### Technical Data

Appearance	White suspension
Peroxide content	Ca. 40%
Active oxygen	2.64%
De-sensitising agent	Water
Density at 20°C	1.06 g/cm <sup>3</sup>
Viscosity 25°C	~200 mPa.s
Solubility	Insoluble in water
Critical temperature (SADT)	>80°C
Cold storage stability	To below -10°C
Kick-off temperature	Ca. 70°C
Recommended storage temperature	0-25°C
Maintenance of activity as from date of delivery	6 months

### Half-life Data

10h/1h/1min (0.1 m/benzene): 72/91/130°C

### Application

#### Methacrylate curing

##### Usage level:

Curing agent in suspension form for methacrylate resins at ambient temperature in combination with amine accelerators or pre-accelerated resin types. Usage level: Depending on resin types dosage can be 0.5-3% as supplied. Particular advantages: Pumpable and sprayable suspension.

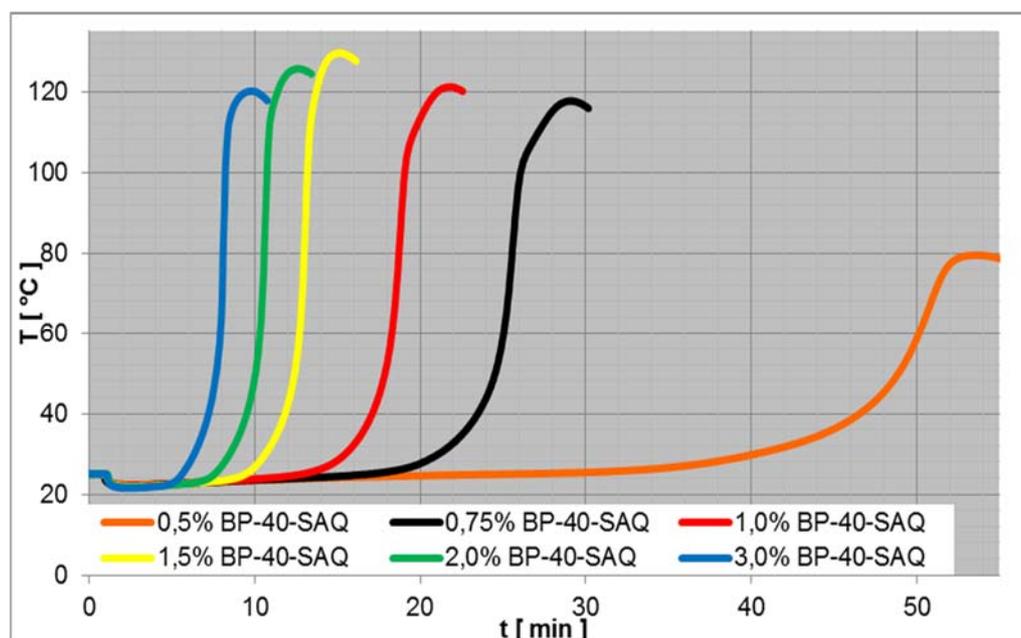
"Shelf life" (gel time of resin + peroxide) usually several weeks, but not without change in activity. "Pot life" (gel time of resin + peroxide + accelerator) very variable.

#### Processing methods:

Mainly roadmarking colours and floor coatings as a 2-component system, applied with special machines. The decisive factor for the use of BP-40-SAQ is the reactivity on a cold and wet ground.

## Measurements

### Influence of peroxide dosages, Degaroute® 661, DIN 16945, 25°C, 20g



## Packaging

The standard package sizes of BP-40-SAQ is 30 kg.

## Disclaimer

This information and all further technical advice are reflecting our present knowledge and experience based on internal tests with local raw materials with the purpose to inform about our products and applications. The information should not be construed as guaranteeing specific properties of products described or their suitability for a particular application, nor as providing complete instructions for use. The information implies no guarantee for product and shelf life properties, nor any liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. We reserve the right to make any changes according to technological progress or further developments.

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