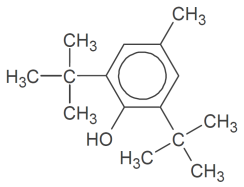
PERGASLOW PK-40

Inhibitors / Curing

Description

2,6-Di-tert.butyl-p-kresol
40%, Solution in xylen

PERGASLOW PK-40 is used as an inhibitor for increasing gel time of unsaturated polyester resins at ambient temperatures. PERGASLOW PK-40 does not influence cure time.



CAS No.:	**128-37-0**

Technical data

Appearance:	**light yellow, clear liquid**
Active substance assay:	**appx. 40%**
Density at 20°C:	**0.89 g/cm³**

Solubility

Insoluble in water, soluble in various organic solvents

Storage

Maximum storage temperature (Ts max):	**20°C**
Minimum storage temperature (Ts min):	**0°C**
Storage stability as from date of delivery:	**6 months**

Keep packaging tightly closed in a well ventilated place at indicated storage temperature.

Hazardous reactions

Direct contact with organic peroxides should be avoided because of risk of self-accelerating decomposition of the organic peroxide.

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Application	PERGASLOW PK-40 is used at ambient temperatures for lengthening: 1) the shelf life of SMC and BMC at ambient temperature. 2) the pot life of a mixture of UP resin / peroxide at ambient temperature. An advantage of PERGASLOW PK-40 in comparison with for example p-Benzoquinone is that PERGASLOW PK-40 is very effective at ambient temperature but hardly shows any influence on the cure at elevated and high temperature. The inhibitor should be added to the resin first to create a maximum effect. After proper mixing, the peroxide and the accelerator can be added. Depending on application area and working conditions, the following inhibitor dosage levels are recommended: PERGASLOW PK-40: 0,1 to 0,3 phr
Packaging	**25kg container**
Major decomposition products	**Unknown**
Safety and handling	Please refer to the material safety data sheet (MSDS) for information concerning safe storage, use and handling of PERGASLOW PK-40. This information should be thoroughly reviewed prior to acceptance of this product. The MSDS is available for downloading at **www.pergan.com** or through contacting Pergan directly.

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