

# POLYMEK 50

## General description

Methyl ethyl ketone peroxide in solution with dimethyl phthalate.

## Applications

POLYMEK 50 is a typical mid reactivity organic peroxide for the curing of unsaturated polyester resins in presence of cobalt accelerator at room or more elevated temperatures.

## Chemical - physical characteristics

Aspect	Clear and colorless liquid
Total active oxigene	8,8 – 9,0 %
Density 20°C	1,180 g/cm <sup>3</sup>
Water content	3,0 % max.
SADT (Self Accelerating Decomposition Temperature)	60°C

Although the data supplied herein are based on laboratory evaluation and actual field experience and are believed to be correct in every detail we cannot assume responsibility for any loss or accident that may result from the use of the suggested information are based on our experience and indicate our best results. We cannot be held liable for the results obtained with our products. We suggest to verify our suggestions at the customer's lab.

## Storage guidelines

To minimize a small loss of reactivity due to the unstable nature of organic peroxide a maximum storage temperature of 25°C is recommended.

The original unopened and undamaged containers are to be stored in a dry and well ventilated place.

Exposure to direct sunlight has to be avoided.

Keep away from fire or sources of heat or ignition; never weigh out in the storage room.

Avoid contact with reducing agents (amines), acids, alkalis and heavy metal compounds (accelerators, dryers and metal soaps).

Keep in unopened packaging.

Please refer to the MSDS for further information about safe storage.

## Shelf life

Under the above mentioned storage conditions the product will remain within the specifications for six months after production data.

Suitability of this product must be tested by the user prior to the processing of POLYMEK 50.

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The information provided herein is to our test knowledge true and accurate.

However we cannot accept liability for any recommendation or representation made since the conditions and methods of application are beyond our control.