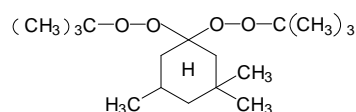
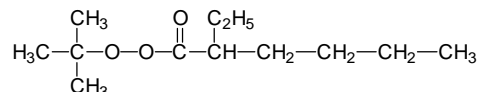


## TMCH-HA-M2

tert. Butyl-peroxy-2-ethyl hexanoate  
CAS#3006-82-4

1,1-Bis(tert. butylperoxy)-3,3,5-trimethyl cyclohexane  
CAS#6731-36-8  
75% Mixture in di-isobutly phthalate

### Structural Formula



### Description

Colorless, liquid mixture consisting of tert. Butyl-peroxy-2-ethyl hexanoate and 1,1-bis(t-butylperoxy)-3,3,5-trimethylcyclohexane, desensitised with di-isobutylphthalate. Developed for the curing/crosslinking of unsaturated polyester resins and vinyl ester resins used in BMC, SMC and Pultrusion applications.

### Technical Data

Appearance	Colorless liquid
Peroxide content	ca. 75 % w/w
Active oxygen	ca. 6.3 % w/w
De-sensitising agent	Diisobutylphthalate (b.p. >327°C)
Critical temperature (SADT)	ca. 45°C
Cold storage stability	To below -25°C
Recommended storage temperature	Below 20°C
Maintenance of activity	3 months

### Application

#### UNSATURATED POLYESTER RESINS

A peroxide mixture cure system for UP resins for use in the temperature range of 100-150 °C at levels of 0.5-3 %. Application processes include BMC, SMC and Pultrusion.

### Storage

Observe the recommended storage temperature range to preserve quality and usefulness and for safety reasons. Observe the safety recommendations of local regulations and codes, requirements of the local authority having jurisdiction, and your insurance provider.

## Packaging

This product is packed in 4x1 gallon (4x7 pound) cartons filled to 28 pounds net weight.  
Standard Pallet quantities are 1344 pounds (48 containers).

## Safety & Handling

See our Safety Data Sheet for details. This material is highly hazardous and self-reactive. Avoid heating to above maximum recommended storage temperatures and confinement. Store and handle in ways evaluated by a thorough safety review following process safety management techniques.

## REACH

This material is registered under REACH

## 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.

Application and usage of our products based on our technical advice is out of our control and sole responsibility of the user. The user is not released from the obligation to conduct careful inspection and testing of incoming goods in order to verify the suitability for the intended application.

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