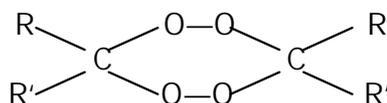
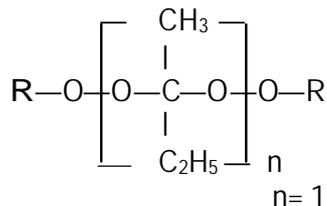


# PEROXAN ME-50 LA3 X

Thermoset Curing  
Ketone peroxides

**Description:** Methyl ethyl ketone peroxide  
Solution in TXIB

PEROXAN ME-50 LA3 X is used for the curing of unsaturated polyester and vinyl ester resins at ambient temperature in combination with cobalt accelerators.



CAS No. (active substance): 1338-23-4

**Technical data:** Appearance: clear liquid  
Active oxygen assay: 8,0 - 8,4%  
Density at 20°C: 0,99 - 1,01 g/cm<sup>3</sup>

**Solubility:** Insoluble in water

**Storage:** Maximum storage temperature (T<sub>s max</sub>): 30°C  
Minimum storage temperature (T<sub>s min</sub>): 0°C  
Storage stability as from date of delivery: 6 months

Keep packaging tightly closed in a well ventilated place at indicated storage temperature. Keep away from reducing agents e.g. amines, acids, alkalis, heavy metal compounds (e.g. accelerators, driers, metal soaps). Never weigh out in storage room.

**Hazardous reactions:** Oxidizing agent. Decomposes violently under the influence of heat or by contact with reducing agent. Never mix with accelerators.

**Safety characteristics:** Flash point: 44°C  
SADT\*: 60°C

**Packaging:** 25 kg Container

**Major decomposition products:** Carbon dioxide, Water, Acetic acid, Formic acid, Propionic acid, Methyl ethyl ketone

\* SADT = Self Accelerating Decomposition Temperature

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## PEROXAN ME-50 LA3 X

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Thermoset Curing  
Ketone peroxides

**Application:** PEROXAN ME-50 LA3 X is used for the curing of unsaturated polyester resins at ambient temperature in combination with cobalt accelerators.

PEROXAN ME-50 LA3 X gives in comparison with most other ketone peroxides a significantly longer gel time and is therefore particularly suitable for those applications where a longer gel time or production time is required, for instance in the production of large parts or in filament winding.

PEROXAN ME-50 LA3 X is especially recommended for the cure of vinyl ester resins. This MEKP formulation gives less "foaming" than standard MEKPs.

Depending on working conditions, the following peroxide and accelerator dosage levels are recommended:

PEROXAN ME-50 LA3 X:	1,0 to 4,0 phr
PERGAQUICK C12 X (Cobalt, 1%):	0,5 to 3,0 phr

**Safety and handling:** Please refer to the material safety data sheet (MSDS) for information concerning safe storage, use and handling of PEROXAN ME-50 LA3 X. This information should be thoroughly reviewed prior to acceptance of this product. The MSDS is available for downloading at [www.pergan.com](http://www.pergan.com) or through contacting Pergan directly.

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