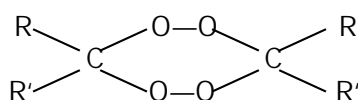
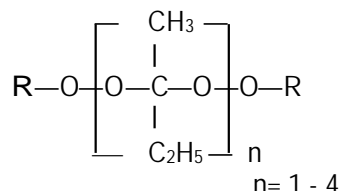


## PEROXAN ME-50 L

Thermoset Curing  
Ketone peroxides

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

PEROXAN ME-50 L is a general purpose MEKP used for the curing of unsaturated polyester at ambient temperature in combination with cobalt accelerators.



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

**Technical data:** Appearance: clear liquid  
Active oxygen assay: ca. 9,05%  
Density at 20°C: 1,10 g/cm<sup>3</sup>

**Solubility:** Insoluble in water, soluble in phthalates

**Storage:** Maximum storage temperature ( $T_{s \max}$ ): 30°C  
Minimum storage temperature ( $T_{s \min}$ ): 0°C  
Storage stability as from date of delivery: 6 months

Keep packaging tightly closed in a well ventilated place at indicated storage temperature. 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: above SADT\*  
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 L

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Thermoset Curing  
Ketone peroxides

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

The curing system PEROXAN ME-50 L and Cobalt accelerator is particularly suitable for the curing of gel coat resins, laminating resins, lacquers and castings; moreover the manufacture of light resistant parts may be possible contrary to the curing system Benzoyl peroxide and Amine accelerator.

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

|                                |                |
|--------------------------------|----------------|
| PEROXAN ME-50 L:               | 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 L. 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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