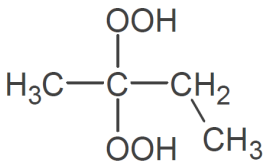
# PEROXAN ME-50 LS-P 10 X

## Ketone peroxide / Curing

**Description**

Methyl ethyl ketone peroxide
Solution in TXIB

PEROXAN ME-50 LS-P 10 X is used for the curing of unsaturated polyester at ambient temperature in combination with cobalt accelerators.




| | |
|---|---|
| CAS No.: | **1338-23-4** |

**Technical data**

| | |
|---|---|
| Appearance: | **clear liquid** |
| Active oxygen assay: | **9.7%** |
| Density at 20°C: | **1.015 g/cm³** |

**Solubility**

Insoluble in water

**Storage**

| | |
|---|---|
| Maximum storage temperature (Ts max): | **30°C** |
| Minimum storage temperature (Ts min): | **0°C** |
| Storage stability as from date of delivery: | **6 months** |

**Hazardous reactions**

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.

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

**Safety characteristics**

| | |
|---|---|
| Flash point: | >55°C |
| SADT: | 60°C |

The SADT (Self Accelerating Decomposition Temperature) is the lowest temperature at which a self accelerating decomposition may occur.

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# PEROXAN ME-50 LS-P 10 X

## Ketone peroxide / Curing

**Application**

PEROXAN ME-50 LS-P 10 X is used for the curing of unsaturated polyester resins at ambient temperature in combination with cobalt accelerators.

The curing sytem PEROXAN ME-50 LS-P 10 X and Cobalt accelerator is particularly suitable for the curing of laminating resins and lacquers when a faster gelation and initial cure speed is required than than can be obtained with PEROXAN ME-50 LX; moreover the manufacture of light resistance 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 LS-P 10 X: 1,0 to 4,0 phr
PERGAQUICK C12 X (Cobalt, 1%): 0,5 to 3,0 phr

**Packaging**

**30kg container**

**Major decomposition products**

**Formic acid, Acetic acid, Carbon dioxide, Methylethylketon, Propionic acid, Water**

**Safety and handling**

Please refer to the material safety data sheet (MSDS) for information concerning safe storage, use and handling of PEROXAN ME-50 LS-P 10 X. 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.

The information presented herein is true and accurate and to the best of our knowledge, but without any guarantee. Since the conditions of use are beyond our control we disclaim any liability, including for patent infringement, incurred in connection with the use of these products, data or suggestions.

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