

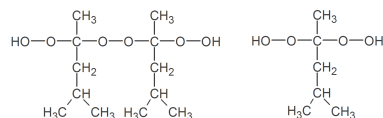
# PEROXAN MI-60 KX

## Ketone peroxide / Curing

### Description

Methyl isobutyl ketone peroxide  
Solution in TXIB

PEROXAN MI-60 KX is used for the curing of unsaturated polyester resins as such or in presence of a cobalt accelerator in the temperature range of 60° to 150°C.



CAS No.:

**37206-20-5**

### Technical data

Appearance:

**clear liquid**

Active oxygen assay:

**appx. 8.85%**

Density at 20°C:

**0.98 g/cm<sup>3</sup>**

### Solubility

Insoluble in water, Soluble in phthalates

### Storage

Maximum storage temperature (Ts max):

**25°C**

Minimum storage temperature (Ts min):

**5°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:

**>SADT°C**

SADT:

**50°C**

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

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## Application

PEROXAN MI-60 KX is used for the curing of unsaturated polyester resins as such or in presence of a cobalt accelerator in the temperature range of 60° to 150°C.

PEROXAN MI-60 KX can be used in combination with a cobalt accelerator for those applications where a long gel time or production time is required at ambient temperature and a fast cure at higher temperatures e.g. 60° to 100°C. Applications can be filament winding and production of flat and corrugated sheets.

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

PEROXAN MI-60 KX: 1,0 to 3,0 phr  
PERGAQUICK C12 X (Cobalt, 1%): 0,5 to 3,0 phr

## Packaging

**25kg container**

## Major decomposition products

**Carbon monoxide, Mixture of aliphatic acids and ketones, Water**

## Safety and handling

Please refer to the material safety data sheet (MSDS) for information concerning safe storage, use and handling of PEROXAN MI-60 KX. 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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