

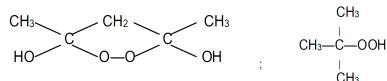
# PEROXAN A-25 M

**Ketone peroxide / Curing**

## Description

Mixture of Acetylacetone peroxide and tert-Butyl hydroperoxide  
Solution in diacetone alcohol

PEROXAN A-25 M is used for the curing of unsaturated polyester resins at ambient temperature in combination with cobalt accelerators.



CAS No.:

**37187-22-7; 75-91-2**

## Technical data

Appearance:

**clear liquid**

Active oxygen assay:

**appx. 2.7%**

Density at 20°C:

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

## Solubility

Partly soluble 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

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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## Application

PEROXAN A-25 M is used for the curing of unsaturated polyester resins at ambient temperature in combination with cobalt accelerators.

PEROXAN A-25 M has been developed for the cure of thick GRP. In comparison to PEROXAN ME-50 L and PEROXAN A-40 L, PEROXAN A-25 M shows a lower peak exotherm in these applications.

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

PEROXAN A-25 M: 2,0 to 4,0 phr

PERGAQUICK C12 X (Cobalt, 1%): 0,2 to 3,0 phr

## Packaging

**25kg container**

## Major decomposition products

**acetylacetone, Carbon dioxide, mixture of aliphatic acids, tert-Butanol, Water**

## Safety and handling

Please refer to the material safety data sheet (MSDS) for information concerning safe storage, use and handling of PEROXAN A-25 M. 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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