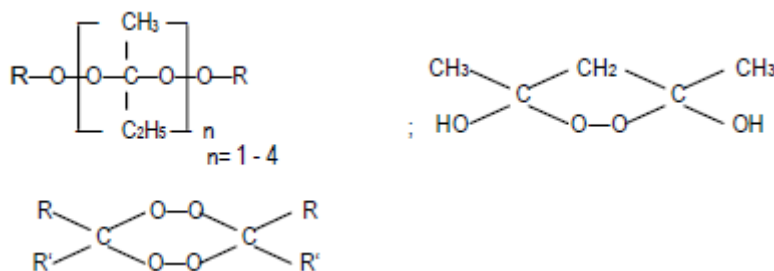


PEROXAN M 64 AX

DESCRIPTION

Methyl ethyl ketone peroxide and Acetyl acetone peroxide Solution in TXIB

PEROXAN M 64 AX is used for the curing of unsaturated polyester at ambient temperature in combination with cobalt accelerators.



CAS No. (active substance) 1338-23-4; 37187-22-7

TECHNICAL DATA

Appearance	clear liquid
Active oxygen assay	7,3 - 7,7 %
Density at 20 °C	1,01 g/cm ³

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*	50 °C

* SADT = Self Accelerating Decomposition Temperature

PEROXAN M 64 AX

PACKAGING

30 kg Container

MAJOR DECOMPOSITION PRODUCTS

Carbon dioxide, Water, Methyl ethyl ketone, Acetylacetone, Mixture of aliphatic acids

APPLICATION

PEROXAN M 64 AX is used for the curing of unsaturated polyester resins at ambient temperature in combination with cobalt accelerators.

With the curing system **PEROXAN M 64 AX** and Cobalt accelerator a faster speed of cure can be obtained than with PEROXAN ME-50 LX; however high cure rates as achieved with PEROXAN A-40 L are not attainable. The gel times with **PEROXAN M 64 AX** are in general similar to those with PEROXAN ME-50 LX.

The curing system **PEROXAN M 64 AX** and Cobalt accelerator is particularly suitable for the curing of laminating resins, and for applications where a shorter demolding time is required 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 M 64 AX	1,0 to 4,0 phr
PERGAQUICK C12 X (Co-accelerator 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 M 64 AX**. This information should be thoroughly reviewed prior to acceptance of this product.

06/2016

All information is given, based upon our best knowledge, but without liability to us. Data has been obtained by laboratory experiments made by our supplier. Since the condition under which the product is consumed is outside of our control, the product should be tested before us