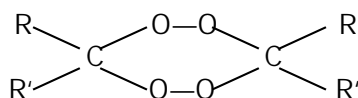
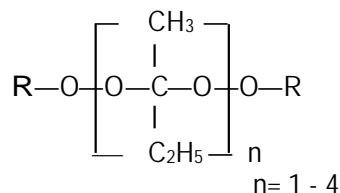


PEROXAN ME-50 L

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/cm³

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

PEROXAN ME-50 L

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 or through contacting Pergan directly.

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