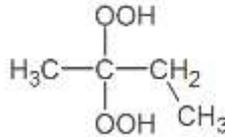


## AKPEROX® A50

### Description

: Solution of Methyl Ethyl Ketone Peroxide in Dimethyl Phthalate



CAS Nr	: 1338-23-4
EINECS/ELINCS Nr	: 700-954-4
REACH Reg. No	: 01-2119514691-43-0007
UN Nr	: 3105

### Specifications;

Density at 20°C	: 1,18 ± 0,005 gr/cm <sup>3</sup>
Viscosity at 20°C	: 23-25 mPa.s
Appearance	: Colorless Liquid
Colour	: Max.30 Pt-Co/APHA
Diluent	: Dimethyl Phthalate
Active Oxygen Content	: 8,9 - 9,1 %
Peroxide Content	: 30 - 37 %
Self-Accelerating Decomposition Temperature (SADT)	: 60°C

### Application

: AKPEROX A50 is a general purpose MEKP for curing unsaturated polyester (UP) resins at room temperature. Generally used together with metal salts. Suitable for the curing of gelcoat resins, laminating (coating), vinylester, fiber, button, dope and casting type polyester resins as well as GRP pipe production. Liquid Particularly suitable for gelcoat applications with proven low water content. (E.g. Marine applications, cabinet etc. production)

### Usage & Amount

: It is recommended to use 1% - 2% in general, depending on application. It needs to be used with Cobalt accelerators at room temperature. (E.g. AKCOBALT 1%)

### Packaging

: 30 Kgs PE Drum, 5 Kgs PE Drum, 4x5 Kg in a Carton Box.

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**Handling & Storage**

: Must be kept between +5 °C and +30 °C. Keep pails tightly closed. Store and handle in a dry, well-ventilated place. Keep away from sources of heat, ignition and direct sunlight in original packaging. Provide grounding and venting in order to prevent static electricity build-up. Avoid any contact with Amine and Cobalt Accelerators, acids, alkalis and heavy metal compounds such as driers and metal soaps.

**Shelf Life**

: 6 Months

For unopened packages at recommended storage conditions.