

## ANDONOX KP-9DT

### DESCRIPTION

ANDONOX KP-9DT is a diluted medium active methyl ethyl ketone peroxide in phlegmatizer for the curing of unsaturated polyester resins at ambient temperature in combination with cobalt accelerators.

### TYPICAL PROPERTIES

Active oxygen content:	4.5 ± 0.1 %
Water content:	1.5 %
Appearance:	Colourless and clear liquid
Density at 20°C:	1.15 – 1.18 g/cm <sup>3</sup>
Viscosity at 20°C:	18 - 23 mPa.s
pH	4 - 7
Flash point (Seta closed cup):	> 80°C (Method: Seta Flash)
SADT:	65°C
Soluble in:	Oxygenated organic solvents
Slightly soluble in:	Water
Storage temperature:	Max 25°C

### APPLICATION

The reduced concentration of methyl ethyl ketone peroxide in KP-9DT allows a more accurate dosage and better mixing with resins to avoid any undercuring and undesirable effects in continuous metering, pumping and spray-up equipment. Can be used for gel coat, marble and laminate. Typical situations when improved dosage control is desirable are in hot working conditions or with highly reactive resin systems. A single MEKP initiator formulation cannot provide optimum results in all resin systems. Evaluation of each MEKP in each resin intended for use is absolutely essential before full-scale manufacturing is attempted.

# ANDONOX KP-9DT

## CURE CHARACTERISTICS

A reactivity test with an unsaturated polyester resin gave the following results:

Resin: Pre-accelerated Orthophthalic polyester  
Temperature: 23°C  
Method: Syrgis Proc 258B

Initiator	Dosing level %	Gel time Min	Time to peak min	Peak exotherm temp °C
<b>ANDONOX KP-9DT</b>	<b>3,0</b>	<b>30</b>	<b>50</b>	<b>77</b>
ANDONOX KP-9	1,5	29	52	76

## PACKAGING, SHIPPING & AVAILABILITY

- The standard package sizes of ANDONOX KP-9DT are 5 kg and 25 kg polyethylene bottles.
- Classification – Please refer to the specific ANDONOX KP-9DT Safety Data Sheet (SDS) under section 14 & 15, shipping & regulatory information. **NOTE:** SDS's for all Syrgis Performance Initiators products may be requested by contacting the company.
- ANDONOX KP-9DT is available through a global distributor network. Call Syrgis Performance Initiators for the name of the distributor in your area.

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