

## ANDONOX KP-9D

### DESCRIPTION

ANDONOX KP-9D 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:	6.0 ± 0.1 %
Water content:	1,5%
Appearance:	Colourless and clear liquid
Density at 20°C:	1.14 – 1.17 g/cm <sup>3</sup>
Viscosity at 20°C:	17 - 22 mPa.s
Flash point:	> 80°C (Method: Seta Flash)
pH:	4 - 7
Soluble in:	Oxygenated organic solvents
Insoluble in:	Water
SADT:	65°C
Storage temperature:	Max 25°C

### APPLICATION

The reduced concentration of methyl ethyl ketone peroxide in ANDONOX KP-9D allows a more careful dosage and better mixing with resins to avoid any under curing and undesirable effects in continuous metering, pumping and spray-up equipment. ANDONOX KP-9D is recommended for use in countries with hot climates or during hot working conditions. Recommended dosing level: 1,3 – 4,5% Can be used for gelcoat, marble and laminate.

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### 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-9D</b>	<b>2,0</b>	<b>32</b>	<b>51</b>	<b>76</b>
ANDONOX KP-9	1,5	29	52	76

### PACKAGING, SHIPPING & AVAILABILITY

- The standard package sizes of ANDONOX KP-9D are 5 kg and 25 kg polyethylene bottles.
- Classification – Please refer to the specific ANDONOX KP-9D 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-9D is available through a global distributor network. Call Syrgis Performance Initiators for the name of the distributor in your area.

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