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Application areas

Chemical Description	Trade Name	A0%	H_2O_2 %	Description	Type of resin						Ambient temperature							Elevated temperature					High temperature			
					Polyester resins	Gelcoats & topcoats	Vinylester resins	Bonding pastes	Acrylics	Polyester lacquers	Hand lay-up & Spray-up	RTM	Cold Press moulding	Polyester concrete & marble	Buttons	Filament Winding	Vacuum bag/infusion	Working temperature °C with Accelerator	Polyester concrete & marble	Continuous laminating	Filament winding	Centrifugal casting	Working temperature °C	Pultrusion	SMC	BMC
Ketone Peroxides																										
Methyl ethyl	Andonox KP-9*	9,1	1,7	General purpose MEKP with medium activity	X	X		X		0	X	X	X	X	X	X	X	<50°		0	X	X				
Ketone peroxides	Andonox ENP-90	8,9	1,7	Phthalate free MEKPP	X					X	X	X	X	X		X	X	<50°		0	X	X				
	Andonox ENP-80	8,0	2,8	Phthalate free MEKPP. Can be shipped in drums	X					X	X		X	X				<50°								
	Norox MEKP-9	8,9	1,0	Slightly longer gel time but same gel-to-cure time as KP-9	X	X		X		0	X	X		X		X	X	<50°			X	X				
	Norox MEKP-9H	8,9	0,5	Longer gel time but same gel-to-cure time as KP-9	X	X		X		0	X	X		X		0	X	<50°			X	0				
	Andonox KP-9S*	9,1	3,5	Faster gel time than KP-9	X					X	0		X	X	X	X		<50°		X		X				
	Andonox KP-100*	9,7	4,6	Faster gel & cure time than KP-9	X	X				X	X	X	X	X	X	X		<50°		X	X	X				
	Andonox SG10*	9,7	3,2	Faster gel time than KP-100	X						0		X	X	X	X		<50°		X						
	Andonox KP-100S*	9,7	4,6	Faster gel time than SG-10	X									X	X	0		<50°		X						
	Andonox KP-9D	6,0	1,4	Diluted MEKP	X	X					X	X	X	X		X	X	<50°		X	X	X				
	Andonox KP-9DT	4,5	1,0	Diluted MEKP	X	0					X	X	X	X		X	X	<50°		X	X	X				
	Norox MEKP-925H	8,9	<0,4	MEKP designed for VE resin	X	X	X	X			X		0			X	X	<50°			X					
	Norox MEKP-25	8,9	1,2	MEKP for VE, UP & gelcoats	X	X	X				X	X	X			X	X	<50°			X					
Acetylacetone peroxides	Andonox PD-40	4,1		Standard AAP Europe	X						X	X	X	X		X	X	<50°		X	X	X				
	Norox AZOX	4,5		Standard AAP USA	X		0				X	X	X	X		X	X	<50°		X	X	X				
	Norox 750	5,3		Lower exotherm temperature for thicker laminates	X						X	X		0		X	X	<50°		X	X	X				
	Andonox PDH	5,2		AAP for thicker laminates. Reduced peak exotherm temperature	X						X	0		X		X	X	<50°			X	X				
Methyl isobutyl ketone peroxide	Andonox Pulcat Super*	10,6	0,8	Medium/High active MIBKP	X		X				0				0			<50°		X	X		>70%	X		
Peroxide mixtures																										
	Andonox KPM	7,7	1,3	Mixture with similar gel time but faster cure than KP-9	X						X	X	X	X		X	0	<50°		X	X	X				
	Andonox KPM-50	6,6	0,9	Mixture with similar gel time but faster cure than KPM	X						X	X	X	X		X		<50°		X	X	X				
	Andonox 7030	5,6	1,0	Mixture with similar gel time but faster cure than KPm-50	X						X	X	X	X		X		<50°		X	X	X				
	Andonox MEC*	9,7	0,8	Similar gel time but faster cure than KP-9, Premium initiator for gelcoats	X	X	0			X	X	X			X		X	<50°								
	Andonox KP-9LE*	9,2	1,5	Low exotherm temperature KP-9 for thicker laminates	X			0			X		X	0	0	X	X	<50°			X					
	Norox MCP-75	8,9	0,7	Lower exotherm temperature, longer gel & cure than KP-9LE	X		0				X					X	X	<50°			0					
	Norox MCP	8,8	0,5	Lower exotherm temperature, longer gel & cure than MCP-75	X		X				X					0	X	<50°								
	Andonox MCP-99*	9,3	2,0	Similar gel time as KP-9 but with lower exotherm temperature	X		X				X	X				X	X	<50°								
	Norox HDP-75	8,9	<0,4	Low exotherm temperature, long gel time, better wetting & good cure	X						X					X	X	<50°			X	X				
	Andonox RTM-12	4,7		Two step AAP for RTM at elevated temperature	X		X				X	X					X	40-80°			0					
	Andonox SHP-40	3,6		AAP with improved cure performance	X							X						<70°		X	X					
	Andonox SHP-90	4,6		AAP with improved cure performance	X						X	X						<70°		X	X	X				
	Andonox TLC-88	8,8	<0,3	Two step MEKP for elevated performance	0		X					X						40-80°			X					
Hydroperoxides																										
Cumyl hydroperoxides	Andonox CH	8,5		80-85%, low exotherm for thick laminates			X		X		0						X	<40°			0					
	Andonox CHM-30	2,5		Promoted CHP for fast curing of some VE resin. Not classified as toxic			X		X		X					X	X	<40°			X					
	Andonox CHM-50	4,5		promoted CHP for fast curing of some VE			X		X		X					X	X	<40°			X					
Tert-Butyl hydroperoxide	Norox TBHP	12,3		70% TBHP in water					X																	
Diacyl Peroxides																										
Dibenzoyl peroxides	Benox L40LV	2,6		40%, sprayable BPO dispersion	X		0	X	X		X	X	X	X				<80°			X					
	Benox B-50	3,3		50% BPO paste in red or white colour	X			X	X				X					<80°								
	Benox A-75	5,0		75% BPO granules	X				X		0		X	X				<80°								
Peresters																										
Tert-Butyl peroxyester	Norox TBPB	8,1		>98%, technical pure TBPB	X		0											>80°	X				>120°	X	X	X
	Andonox P-20	6,9		Promoted TBPB for elevated temperature with colbalt	X		0					X						>60°	X				>100°	0	0	0
	Andonox PDM-28	7,4		Two step TBPB for elevated temperature with colbalt	X							0						>60°	X				>100°	0		

*Not available in North America

X = Recommended application 0 = Other possible application