



Formulation

Name	SMALL PARTICLE SIZE VINYL ACRYLIC LATEX	
No.	191	
Description	This is a 44.7-wt % solids vinyl acetate/butylacrylate latex formulation.	
Formulation	<u>INGREDIENTS:</u>	<u>% by Weight</u>
	Deionized Water	465.5
	POLYSTEP® B-27	24.1
	POLYSTEP® F-95B	9.6
	Potassium Persulfate	0.4
	Vinyl Acetate	360.0
	Butyl Acrylate	90.0
	Deionized Water	50.0
	Potassium Persulfate	0.4
	Total	1000.0 grams
Procedure	<ol style="list-style-type: none"> Charge ingredients 1 through 3 to the reactor and heat to 70°C under nitrogen. Add initiator (ingredient 4) and begin concurrent feed of monomer mixture (ingredients 5 and 6) and initiator solution (ingredients 7 and 8) over a two-hour period. Maintain the temperature at 70°C during the reaction, and for one hour after the completion of the feeds. Cool emulsion to room temperature. 	
Physical Properties	Solids	44.67%
	pH	3.9
	Viscosity	3500 cps
	Coagulum	0.1%
	Turbidity	10.5 JTU
	Particle Size	0.118 microns
	Polydispersity index	1.08
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For Additional Assistance	<p>For applications or product handling assistance, call our Technical Service Department at 1-800-745-7837 (U.S.) or 011-334-76-505-100 (Europe).</p> <p>For ordering assistance, call our Account Service Department at 1-800-457-7673.</p> <p>Nothing contained herein grants or extends a license, express or implied, in connection with patents, issued or pending, of the manufacturer or others. The information contained herein is based on the manufacturer's own study and the works of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) to the vendee's employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information.</p>	



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