

# Technical Information

## Optal LG 4



<b>Type of Adhesive</b>	Water based polymer adhesive.	
<b>Fields of application</b>	Glass labeling on fast labeling machines.	
<b>Product specifications</b>	<b>Viscosity</b>	40.000 - 90.000 mPa.s
	<b>Test method</b>	PHYSICA Z4 D=20/s 20 °C
	<b>pH value</b>	7 - 9
<b>Product properties</b>	High speed glass labeling adhesive. The dried glue film is soluble in cold and warm water, preferably in a caustic soda solution in traditional bottle washing machines. These features make the product suitable for labeling of refillable bottles (using paper labels, permeable for caustic soda).	
<b>Processing</b>		
<b>Optimum working temperature</b>	20 - 28° C depending on label quality and labeling conditions.	
<b>Dilution</b>	The adhesive is ready for use and should not be diluted.	
<b>Cleaning</b>	Hot water.	
<b>Shelf life</b>	In closed original packaging 6 months from date of production, in optimum storage conditions.	
<b>Storage</b>	Optimum storage temperature: 15 - 30° C.	
	Protect from frost.	
	Before use, adhesive should be put to working temperature.	
<b>Product in container</b>	A pump for filling buckets should be used. For pump recommendation please contact Henkel.	

The information provided herein, especially recommendations for the usage and the application of our products is based upon our knowledge and experience. Due to different materials used as well as to varying working conditions beyond our control, we strictly recommend to carry out intensive trials to test the suitability of our products with regard to the required processes and applications. We do not accept any liability with regard to the above information or with regards to any verbal recommendations except for cases where we are liable of negligence or false intention.

Henkel France Industrial Adhesives, January 2003

