

# Technical Information

## Optal LP 48



Type of adhesive	Synthetic resin dispersion	
Field of application	Labeling of treated and untreated PE and PP. Also suitable for coated or laquered glass or metal surfaces, PET and PVC. Please test the final bond strength thoroughly prior to permanent use.	
Product specifications	Test method	
Viscosity	60.000 + 15.000 mPa.s	Brookfield RVT 7/20/23
pH-value	9,0 - 10,5	
Product properties	Optal LP 48 is a flowing synthetic resin dispersion for labeling of plastics or difficult glass surfaces. The adhesive has a high wet tack and provides a good machinability on fast running labeling machines. Optal LP 48 may sometimes only provide a fixation of the label on those surfaces, consequently the label might be taken off relatively easy.	
Processing		
Application	Fully automatic labeling machines working with rotary or straight line feed principle; applications with semi-automatic labeling machines are also possible, but the glue should be diluted with water.	
Temperature	Optal LP 48 should be used at a temperature between 18 - 30 °C.	
Cleaning	Uncured adhesive residues can be removed with cold or warm water. Wetting agents accelerate the cleaning process.	
Disposal	see Safety Data Sheet	
Security advices	see Safety Data Sheet	
Shelf life	In closed original packaging min. 6 months	
Storage conditions	optimum storage temperature: 15 – 25 °C, protect from frost. After use close packaging thoroughly.	

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 regard to any verbal recommendation, except for cases where we are liable of gross negligence or false intention.  
Düsseldorf, April 2006

