Technical Information
Technocure PS 4901

Type of adhesive	Pressure sensitive adhesive, free of solvent, UV curable	
Field of application	Self adhesive coating of paper (labels, mailing), fabric and film like PP and PE. Due to the variety of different materials available on the market you are kindly requested to carry out individual trials.	
Product specification		**Test method**
Viscosity	3.000 – 5.000 mPa.s at RT	Brookfield RVT, 4/20/23, ISO 2555
Dry content	100 %	DIN 53189

Properties

Technocure PS 4901 is due to the low viscosity especially suitable for printing applications. The adhesive is based on an acrylate system, modified with resins, which can be cured by UV light.

The final adhesive properties are adjusted by the UV energy, temperature and the type of UV bulbs that are used.

Technocure PS 4901 is a solvent free UV curable adhesive that shows a high tack level and good adhesion values (20 g/sqm coating weigth, 240 Watt/cm, 20m/min).

Film

colourless, transparent

Processing Application

Roller, slot noozle, printing device
Most suitable temperature range 18 – 30 °C.

Coating is possible by slot dye, roller system or especially printing devices. Due to the low viscosity at 23 °C high line speed can be reached. Commonly coating weights between 10 and 30 g/sqm are used.

Form of delivery

transparent, slightly yellow liquid

Cleaning

Uncured adhesive residues can easily be removed with alcohol. For cured material we recommend to use Melt-O-Clean.

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Henkel Technologies
Industrial Adhesives

Technocure PS 4901

Disposal	See safety data sheet
Protective measures	See safety data sheet
Shelf life	In closed original packaging at least 9 months from date of production.
Storage conditions	Optimum storage temperature is 15 – 25 °C. Close containers thoroughly after use. Technocure PS 4901 is sensible to light irridation and should be stored in non-transparent containers. Light irradiation could cause uncontrolled curing reactions.

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, December 2003

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