

# TECHNICAL DATASHEET

## DEMPOL SV 509 LV

HOMOPOLYMERIZED VINYL ACETATE EMULSION  
FOR THE PRODUCTION OF ADHESIVES & TEXTILE  
FINISHING AGENT.

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APEO free - SVHC free.

### EMULSION PROPERTIES

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Type of Polymer	: Polyvinyl Acetate Homopolymer
Solid Content (%)	: 50 ± 1
pH (at 25°C)	: 4 – 5
Particle Size (micron)	: 1 – 3
Viscosity (Brookfield RVT) (at 25 °C)	: 1500 - 5000 mpa.S (spindle:6/10rpm)
Stabilizing System	: Anionic-PVAL
Free Monomer Content (%)	: <0.3
Density (at 20 °C)	: 1.05 - 1.10 (gr/cm <sup>3</sup> )
Minimum Film Forming Temperature (°C)	: +14.5 / +15.5
Film Appearance (at 25 °C)	: Clear, brittle

## APPLICATIONS

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DEMPOL SV 509 LV is particularly recommended for the preparation of adhesives for wood, paper and for the textile applications&finishing agents..If it is mixed with plasticizer(e.g.Dibutyl Phthalate or Butyl Diglycol Acetate) in 5-10 %,some other adhesives can also be produced.It can be dried rapidly because of high solid content.Since the emulsion does notcontain any filler,it can transform to a transparent film.

Conventional defoamers can be used for inhibiting foam formation.

Eventhough Dempol SV 509 LV is protected from microorganisms. It is required to add antibacterial agents to the finished products to ensure good storage stability.

## SAFETY

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- PERSONAL PROTECTION** : Wear suitable protective clothing , gloves and glasses for eye / face protection.
- SKIN CONTACT** : Wash skin as soon as possible with plenty of water.
- EYE CONTACT** : Flush immediately with plenty of water , keeping eyelids open , for at least 15 minutes. Remove contact lenses. Seek for medical assistance.

## HANDLING & STORAGE

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- HANDLING** : Ventilate the working place thoroughly. Avoid contact with skin, eyes and clothes. No eating and drinking in the work place.
- STORAGE** : Stable for 12 months , in close drums at ambient temperature (+5 / +40°C) avoid freezing temperatures and sources of heat and direct sunlight.

### NOTE

The above information is based on our knowledge and experience. In view of many factors that may affect processing and application, these data do not relieve end-users from the responsibility of carrying out their own tests and experiments.

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