



Synthopol
Product NEWS

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Liopur PKS 2845 polyurethane dispersion

Liopur PKS 2845 is an aliphatic, nearly solvent-free, anionic stabilized polyurethane dispersion based on a polyether. It is used as a binder for a cold laminating, elastic adhesive (PSA) with good light stabilization and plasticizer barrier effect.

FIELD OF APPLICATION

Liopur PKS 2845 is used in a 2 pack system in combination with a polyisocyanate such as Desmodur DA for the adhesion of foamed soft-PVC decorative foil with fiberboard. It can be found in automotive interiors like dashboards, door side panels, parcel shelves or roof linings and stands out with excellent heat stability and cold flexibility which is a requirement in this market sector.

It can be used for many other substrates such as stainless steel, aluminum, polycarbonate, ABS, rubber, wood, PET and many more. Adhesives formulated with Liopur PKS 2845 can be brushed, scraped or sprayed.

Because of the raw material composition of the polymer, Liopur PKS 2845 is compliant with FDA 175.105.

HIGHLIGHTS

- cold laminating
- no alkyl phenol ethoxylates (APEO's) or triethylamines (TEA)
- plasticizer resistant
- good light and UV stabilization
- high elasticity
- good adhesion on wood, PVC, ABS, polycarbonate, aluminum, stainless steel, rubber
- can be combined with various acrylic dispersions or vinyl acetate dispersions

PROPERTIES AND TECHNICAL DATA

Type of Dispersion	Aliphatic PU, aqueous
Viscosity/AV-F-V005, 20°C	10-400 mPa.s
NVC/AV-F-F003	40 +/-1 %
pH-Value/AV-F-P001, 20°C	7,0 - 9,0
Organic solvent	Max. 0,5% MEK
Minimum Film Forming Temperature (MFFT)	< 5°C



SAMPLING

Liopur PKS 2845 is already a standard product. Samples are easily available.

CONTACT

If you are interested in more information about our products (Guide Formulations, Datasheets), please contact your known person in charge from the sales or research and development department or our headquarters directly under following references:

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