

DANCOLL® 245-75

DESCRIPTION

DANCOLL® 245-75 is a 75 % non-reactive polyurethane adduct. DANCOLL® 245-75 is used as an adhesive/ primer/bonding agent for various textiles and plastic decorative films. DANCOLL® 245-75 can be used in its original consistency or further diluted, for example with the solvent ethyl acetate, for various applications. DANCOLL® 245-75 is also an optimal binder for printing inks and heat seal coatings. The product is very well compatible with nitrocellulose for such applications and provides excellent flexibility as well as very good adhesive properties on polyolefin materials.

PRODUCT CHARACTERISTIC

	Value	Method
Appearance	Clear to slightly cloudy solution	
Viscosity	1.000 bis 2.000 mPa.s.	Brookfield RVT at 25 °C
Solid content	75 %	DIN 53.189
Specific weight	0,92 g/cm ³ at 20 °C	DIN 51.757
Solvent	Ethyl acetate (small proportion of 2-3 % ethyl alcohol)	
Flash point	-3 °C	
VbF	A1	

Not to be used to set specifications.

APPLICATION

Depending on the viscosity setting/further dilution, DANCOLL® 245-75 can be used as a brushable, screen-applicable or sprayable polyurethane adduct solution for adhesive, primer and priming applications. The product is well compatible with nitrocellulose for the production of printing inks. Corresponding formulations can be used for flexographic and gravure printing inks. DANCOLL® 245-75 can be used 1- and 2-component for different applications. For heat sealable coatings, the product should primarily be applied 1-component. For the 2-component application, we recommend crosslinking DANCOLL® 245-75 with the crosslinkers from the DANCURE® series, especially with DANCURE® 246-06 and DANCURE® 246-13. DANCOLL® 245-75 films and coatings are very light-stable and migration resistant.

PROCESSING

DANCOLL® 245-75 can be diluted to different viscosity settings by diluting with solvent. This product can be processed in 1- or 2- component. Since DANCOLL® 245-75 is a very soft polyurethane adduct, it also be used as a soft component when blended with other solvent based polyurethane adducts.

COMPATIBILITY

DANCOLL® 245-75 is well compatible with other solvent based DANCOLL® products of the DANCOLL® 245-XX series. It should be noted that the solvent mixtures must be compatible. Additives and dyes for use in solvent based PUR formulations can be easily incorporated. For dilution, DANCOLL® 245-75 can be mixed with ester and ketone based solvents. The compatibility with alcohol and ester qualities of nitrocellulose is excellent. Ketone resins can also be added for modification.



STORAGE

We guarantee that this product can be processed without problems for up to six months from the date of shipment, provided the product is stored in a cool and dry place. DANCOLL® 245-75 should generally be protected from moisture and direct sunlight. After partial removal, the containers must be carefully closed.

PRODUCT SAFETY

DANCOLL® 245-75 contains flammable, organic solvents. Care must be taken to ensure good ventilation of the workplace, extraction of solvent vapors and explosion protection.

* Please refer to our safety data sheet for further data.

PACKAGING

200 kg metal drums.


Other packaging upon request.




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