

DANCOLL® 245-19LG

DESCRIPTION

DANCOLL® 245-19LG is an 30% polyurethane coating solution based on a linear, hydroxyl group containing polycaprolactone polyurethane. DANCOLL® 245-19LG is used as a bonding agent and coating solution for textiles. This polyurethane solution provides very good adhesion to a wide variety of fabrics such as polyester, polyamide, cotton and other blended fabrics. DANCOLL® 245-19LG is also well suited for laminating of textiles with polyurethane and PVC films, such as those used in the manufacture of conveyor belts or drive belt materials.

PRODUCT CHARACTERISTIC

	Values	Method
Aspect	Colorless slightly whitish/yellowish liquid	
Viscosity	3.600 – 4.000 mPa.s	BROOKFIELD RVT at 20°C
Solid content	30,0 ± 1,0 %,	DIN 53.189
Specific weight	0,98 g/cm ³ at 20 °C	DIN 51.757
Solvent	MEK (methyl ethyl ketone)	
Flash point	-3 °C	DIN 51.755
VbF	A I	

APPLICATION

DANCOLL® 245-19LG is supplied with a high viscosity and can be applied by grid or squeegee. DANCOLL® 245-19LG can be diluted to any viscosity with solvents such as MEK, acetone and ethyl acetate to achieve low viscosities e.g., for the impregnation of fabrics or to apply the product by spray application. DANCOLL® 245-19LG dries completely block-free. The coated substrate can then be rolled up and stored in a cool place. But before rolling up coated fabrics, ensure that the solvents have been completely removed and the material has cooled down to below 20°C. If this is not observed, the textiles can stick to the roll.

PROCESSING

By dilution, DANCOLL® 245-19LG can be processed in different viscosities. The application of this product can be made in a 1- and 2-component way. For a 2-component processing, we recommend the use of our crosslinking agent DANCURE® 246-06. Approx. 5 - 10 % of the crosslinking agent should be added. Once a 1-component adhesive film of DANCOLL® 245-19LG is applied and dried, it may be kept in temporary storage for one year before thermobonding takes place. But dried adhesive films containing a crosslinking agent have to be processed within the recommended pot life.

COMPATIBILITY

DANCOLL® 245-19LG is compatible with any other DANCOLL® solvents of aromatic structure. Please observe that the solvent mixtures have to be compatible. Additives and pigments suitable for application in aromatic PUR formulations can be added easily. DANCOLL® 245-19LG can be mixed with ketones and esters.



STORAGE

If the product is stored in a cool and dry place, we guarantee an excellent processing of this product for a period of up to 6 months after date of dispatch. In any case, DANCOLL® 245-19LG should be protected from humidity and direct sun. After taking out partial quantities of the product, the drums need to be carefully closed.

PRODUCT SAFETY*

This material contains flammable organic solvents. A good ventilation of the working places, extraction of the melt fumes and EX-protection must be ensured.

* For further details, please refer to our Safety Data Sheet.


PACKAGING


180 kg drums



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GMBH

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