

DUVILAX® KA-11

Paints manufacture
Adhesives manufacture
Textile industry

Composition:

A copolymer made on the base of vinyl acetate – acrylate in water environment. It does not contain any external softeners and filling agents. The emulsion system is composed of a non- ionogenous emulsifier and polyvinyl alcohol acting as protective colloid. Duvilax® KA-11 does not prove any health or usage risks (no R- sentences and S-sentences).

Properties:

A water white- colored dispersion with a characteristic smell. It is non-toxic, incombustible, posing no health or hygienic hazards and biodegradable. The dispersion film is transparent, flexible and mildly adhesive.

Parameters:

Dry matter content	min. 51.5 %
Viscosity	800 – 2 800 mPa.s (Rheotest) 3 000 – 10 000 mPa.s (according to ISO 2555, Brookfield RVT)
pH value	4 - 6
min. film-forming temperature	5°C
particle size	200 – 500 nm

FILM

Suction in water	cca. 55%
Solubility in water	max. 3 %
Hardness	3 – 5 %
Rigidity	2 – 4 MPa
Tensile	350 – 450 %

Usage:

Duvilax® KA-11 is particularly used as a dispersed connection for production of painting substances on water base for interiors and for wood. In dependence of used formula it can be applied in exteriors, too. It is also used for production of mastic, spatula, dispersed adhesives and suchlike. In textile industry it is used for chemical increase of floor coverings and for preparation of special mixtures for verso adjustment of carpets. It is suitable for production of modified dispersed adhesives.

Packing:

Packed in 30 kg PE -kegs; 125 kg PE- barrels; 200 kg steel barrels; 1000 kg plastic container, road tank cars and railway tanks.

Storage:

Duvilax® KA-11 is stored in original, undamaged, closed packaging by temperature from 5°C to 40°C and must not be exposed to direct sunshine. Goods delivered in tanks is stored in special storage bins protected against corrosion caused by mildly acid medium. There must not be free airflow from the surroundings in bins (for instance use water valve) or there must be mixer given. It is necessary to mind not to mix it with other medias and also with microbiological exceptionable materials. After emptying the tank it is necessary to clean and disinfect with the help of biocide agent.

Guarantee period:

6 months under the observation of storage conditions.

The given data are only of an informative character and are not complete. Before each use it is recommended to try an adhesive in concrete conditions. Further information can be obtained at:

0026



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