

DUVILAX® KA-31

Glass fibre manufacture
Adhesive manufacture
Building industry

Composition:

A copolymer 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 and an anionactive emulsifier. Duvilax® KA-31 does not prove any health or usage risks (no R-sentences and S-sentences).

Properties:

A water white- bluish colored dispersion with a characteristic smell. It is non-toxic, incombustible, posing no health or hygienic hazards and biodegradable. The dispersion film is transparent, extremely soft and mildly adhesive. It is soluble in aromatic hydrocarbon (styrene, toluene, xylene etc.)

Parameters:

Dry matter content	min. 51.5 %
Viscosity	10 – 70 mPa.s (Rheotest) 10 – 100 mPa.s (according to ISO 2555, Brookfield RVT)
pH value	4-6
min. film-forming temperature	5°C
particle size	190 – 250 nm

Usage:

Duvilax® KA-31 is used in glass fibre manufacture for preparation of acetate dilutions to adjust matting of emulsified type. It is added to increase surface solubility of impregnate matting in aromatic hydrocarbon (example styrene). After dilution with water it can be used for so called deep penetration in building industry. Duvilax® KA-31 is suitable as one of components at modification of special dispersive adhesives for printing, building and paper industry.

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-31 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 media and also with microbiological exceptional 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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