

Nivapol Polysiv 50

Characterization and Type

Castor oil-based 3Å Zeolite paste.

Form supplied

Solvent-free, thixotropic whitish liquid.

Uses

Water scavenger for resin systems.

Solubility / thinnability

Generally speaking, Polysiv 50 has good compatibility with the solvents listed. However, the solutions have to be tested for their storage stability. Polysiv 50 can be thinned with esters, ketones, ether esters and aromatic hydrocarbons. Prolonged storage of a solution with low binder content may result in turbidity and sedimentation. The solvent should not contain reactive groups.

Compatibility

Generally speaking, Polysiv 50 is compatible with polyols, MDI and HDI polyisocyanates. Given the many different products on the market, compatibility testing is always advisable.

Properties / Applications

In combination with other polyols such as Polem A 1150, 1155 and crosslinked with MDI, Polysiv 50 is suitable for use in the formulation of two-component coatings.

Packing

25 kg drum

Storage

When stored in originally sealed containers the product will remain stable for at least 6 months.

Labeling and REACH applications

This product data sheet is only valid in conjunction with the latest edition of the corresponding Safety Data Sheet. Any updating of safetyrelevant information – in accordance with statutory requirements – will only be reflected in the Safety Data Sheet, copies of which will be revised and distributed. Information relating to the current classification and labeling, applications and processing methods and further data relevant to safety can be found in the currently valid Safety Data Sheet.

Important Note

Nivapol products are guaranteed against defective materials and manufacture and are sold subject to our standard terms and conditions of sale, copies of which may be obtained on request.

Further Information

Where other products are to be used in conjunction with this material, the relevant technical data sheets should be consulted to determine total requirements. Nivapol has technical and practical experiences build over many years. You are welcome to call us for advice and technical assistance.

Contact details

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Technical data

Property	Value	Method
Hydroxyl content	2,4 ± 0,25%	DIN 53240/2
OH-number	80 ± 6	DIN EN ISO 2114
Equivalent weight	Approx. 700	
Density	1,25 g/ml ± 0,01 g/ml	DIN EN ISO 2811
Viscosity@23°C	10000 mPas ± 10%	DIN EN ISO 3219/A.3
Water content	≤ 0,01%	DIN 51777-1
Acid value	≤ 2 mg KOH/g	DIN EN ISO 2114
Renewable	50%	

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