

Nivapol Polem A OF

Type

Branched, castor oil-based polyol emulsion.

Form supplied

Solvent-free, white liquid.

Uses

In the formulation of heavy duty industrial floorings with high chemical and temperature resistance.

Solubility / thinnability

Nivapol Polem A OF cannot be thinned and must be used as is.

Compatibility

Generally speaking, Nivapol Polem A OF is compatible with polyols and MDI and HDI polyisocyanates. Given the many different products on the market, compatibility testing is always advisable.

Applications

Nivapol Polem A OF is used as a polyol component in hybrid polyurethane concrete flooring systems.

Properties

Nivapol Polem A OF is a micro emulsion and offers therefore very good flowing properties in combination with extremely long storage stability. Nivapol Polem A OF enables the use of formulations with high filler ratios.

In combination with other polyols such as Nivapol Polem A OF, HL and crosslinked with MDI, Nivapol Polem A is suitable for use in the formulation of three-component coatings. These are mainly used on concrete and asphalt floors and steel surfaces.

After crosslinking and curing of Nivapol Polem A OF with MDI, the resultant coatings are tough and flexible, hard-wearing and chemical-resistant.

Dosage

Volume is depending on specific formulation. Guiding formulations are available on request.

Storage

When stored in originally sealed containers the product will remain stable for at least 6 months. Nivapol Polem A OF must be stored in room temperature and in original container. Always protect from frost.

Packing

IBC 1000 kgs./drum 200 kgs.

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 safety-relevant 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's 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.

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Technical data

Chemical description	Polyol emulsion
Dry matter (125°C, 1 h)	67%
Gravity (25°C)	1,01 g/cm ³
PH Value	9,25 – 9,35
Viscosity	200 mPas ± 10%
Renewable	72%
OH Value (mg KOH/g)	97

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